

An overview of the MILAGRO 2006 Campaign: Mexico C transformation

Atmospheric Chemistry and Physics

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Citation Report

#	ARTICLE	IF	CITATIONS
1	NASA LaRC airborne high spectral resolution lidar aerosol measurements during MILAGRO: observations and validation. Atmospheric Chemistry and Physics, 2009, 9, 4811-4826.	1.9	100
2	Mobile mini-DOAS measurement of the outflow of NO ₂ and HCHO from Mexico City. Atmospheric Chemistry and Physics, 2009, 9, 5647-5653.	1.9	56
3	Physical and chemical properties of the regional mixed layer of Mexico's Megapolis. Atmospheric Chemistry and Physics, 2009, 9, 5711-5727.	1.9	34
4	Aerosol optical properties relevant to regional remote sensing of CCN activity and links to their organic mass fraction: airborne observations over Central Mexico and the US West Coast during MILAGRO/INTEX-B. Atmospheric Chemistry and Physics, 2009, 9, 6727-6742.	1.9	76
5	Comparison of aerosol optical depths from the Ozone Monitoring Instrument (OMI) on Aura with results from airborne sunphotometry, other space and ground measurements during MILAGRO/INTEX-B. Atmospheric Chemistry and Physics, 2009, 9, 6743-6765.	1.9	46
6	Single particle characterization using a light scattering module coupled to a time-of-flight aerosol mass spectrometer. Atmospheric Chemistry and Physics, 2009, 9, 7769-7793.	1.9	98
7	Testing aerosol properties in MODIS Collection 4 and 5 using airborne sunphotometer observations in INTEX-B/MILAGRO. Atmospheric Chemistry and Physics, 2009, 9, 8159-8172.	1.9	33
8	An overview of the MILAGRO 2006 Campaign: Mexico City emissions and their transport and transformation. Atmospheric Chemistry and Physics, 2010, 10, 8697-8760.	1.9	349
9	Can 3-D models explain the observed fractions of fossil and non-fossil carbon in and near Mexico City?. Atmospheric Chemistry and Physics, 2010, 10, 10997-11016.	1.9	80
10	Chemical evolution of volatile organic compounds in the outflow of the Mexico City Metropolitan area. Atmospheric Chemistry and Physics, 2010, 10, 2353-2375.	1.9	131
11	Retrieval of aerosol optical depth in vicinity of broken clouds from reflectance ratios: case study. Atmospheric Measurement Techniques, 2010, 3, 1333-1349.	1.2	10
12	Modeling the Multiday Evolution and Aging of Secondary Organic Aerosol During MILAGRO 2006. Environmental Science & Technology, 2011, 45, 3496-3503.	4.6	90
13	Formaldehyde columns from the Ozone Monitoring Instrument: Urban versus background levels and evaluation using aircraft data and a global model. Journal of Geophysical Research, 2011, 116, .	3.3	56
14	Atmospheric tar balls from biomass burning in Mexico. Journal of Geophysical Research, 2011, 116, .	3.3	99
15	Downscaling aerosols and the impact of neglected subgrid processes on direct aerosol radiative forcing for a representative global climate model grid spacing. Journal of Geophysical Research, 2011, 116, .	3.3	33
16	Shapes of internally mixed hygroscopic aerosol particles after deliquescence, and their effect on light scattering. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	41
17	Polarimetric Detection, Characterization and Remote Sensing. NATO Science for Peace and Security Series C: Environmental Security, 2011, , .	0.1	15
18	Exposure to severe urban air pollution influences cognitive outcomes, brain volume and systemic inflammation in clinically healthy children. Brain and Cognition, 2011, 77, 345-355.	0.8	256

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19	Measurements of volatile organic compounds at a suburban ground site (T1) in Mexico City during the MILAGRO 2006 campaign: measurement comparison, emission ratios, and source attribution. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 2399-2421.	1.9	127
20	Trace gas and particle emissions from open biomass burning in Mexico. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 6787-6808.	1.9	133
21	Explicit modeling of organic chemistry and secondary organic aerosol partitioning for Mexico City and its outflow plume. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 13219-13241.	1.9	65
22	Formation of semivolatile inorganic aerosols in the Mexico City Metropolitan Area during the MILAGRO campaign. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 13305-13323.	1.9	30
23	Sources and production of organic aerosol in Mexico City: insights from the combination of a chemical transport model (PMCAMx-2008) and measurements during MILAGRO. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 5153-5168.	1.9	48
24	Aerosol effects on the photochemistry in Mexico City during MCMA-2006/MILAGRO campaign. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 5169-5182.	1.9	166
25	Simultaneous retrieval of aerosol and cloud properties during the MILAGRO field campaign. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 6245-6263.	1.9	65
26	Spatial variation of chemical composition and sources of submicron aerosol in Zurich during wintertime using mobile aerosol mass spectrometer data. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 7465-7482.	1.9	58
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30	Impact of aerosol direct radiative forcing on the radiative budget, surface heat fluxes, and atmospheric dynamics during the heat wave of summer 2003 over western Europe: A modeling study. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	55
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34	Climate Impacts from Agricultural Emissions: Greenhouse Species and Aerosols. <i>ACS Symposium Series</i> , 2011, , 275-295.	0.5	2
36	Modeling anthropogenically controlled secondary organic aerosols in a megacity: a simplified framework for global and climate models. <i>Geoscientific Model Development</i> , 2011, 4, 901-917.	1.3	119
39	Three-dimensional factorization of size-resolved organic aerosol mass spectra from Mexico City. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 195-224.	1.2	39

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40	Aerosol classification using airborne High Spectral Resolution Lidar measurements – methodology and examples. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 73-98.	1.2	407
41	Feasibility of the Detection of Trace Elements in Particulate Matter Using Online High-Resolution Aerosol Mass Spectrometry. <i>Aerosol Science and Technology</i> , 2012, 46, 1187-1200.	1.5	28
42	Seasonal Variations of the Urban Heat Island at the Surface and the Near-Surface and Reductions due to Urban Vegetation in Mexico City. <i>Journal of Applied Meteorology and Climatology</i> , 2012, 51, 855-868.	0.6	113
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44	The science of smog: a chemical understanding of ground level ozone and fine particulate matter. , 2012, , 205-230.		6
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47	Transport and mixing patterns over Central California during the carbonaceous aerosol and radiative effects study (CARES). <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 1759-1783.	1.9	67
48	ANISORROPIA: the adjoint of the aerosol thermodynamic model ISORROPIA. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 527-543.	1.9	33
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50	Optical properties, morphology and elemental composition of atmospheric particles at T1 supersite on MILAGRO campaign. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2747-2755.	1.9	11
51	The IPAC-NC field campaign: a pollution and oxidization pool in the lower atmosphere over Huabei, China. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3883-3908.	1.9	40
52	Overview of the 2010 Carbonaceous Aerosols and Radiative Effects Study (CARES). <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 7647-7687.	1.9	94
53	Chemically-resolved aerosol eddy covariance flux measurements in urban Mexico City during MILAGRO 2006. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 7809-7823.	1.9	14
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56	Airborne measurements of trace gases and aerosols over the London metropolitan region. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 5163-5187.	1.9	43
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59	Chemical and morphological characterization of PM _{2.5} collected during MILAGRO campaign using scanning electron microscopy. <i>Atmospheric Pollution Research</i> , 2012, 3, 289-300.	1.8	39
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61	Nighttime radical observations and chemistry. <i>Chemical Society Reviews</i> , 2012, 41, 6405.	18.7	388
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68	Mass spectrometric approaches for chemical characterisation of atmospheric aerosols: critical review of the most recent advances. <i>Environmental Chemistry</i> , 2012, 9, 163.	0.7	84
69	The role of a peri-urban forest on air quality improvement in the Mexico City megalopolis. <i>Environmental Pollution</i> , 2012, 163, 174-183.	3.7	98
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73	Emissions estimation from satellite retrievals: A review of current capability. <i>Atmospheric Environment</i> , 2013, 77, 1011-1042.	1.9	323
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79	Up-Regulation of mRNA Ventricular PRNP Prion Protein Gene Expression in Air Pollution Highly Exposed Young Urbanites: Endoplasmic Reticulum Stress, Glucose Regulated Protein 78, and Nanosized Particles. <i>International Journal of Molecular Sciences</i> , 2013, 14, 23471-23491.	1.8	14
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83	Quantitative determination of carbonaceous particle mixing state in Paris using single-particle mass spectrometer and aerosol mass spectrometer measurements. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 9479-9496.	1.9	108
84	Nitrogen dioxide measurement by cavity attenuated phase shift spectroscopy (CAPS) and implications in ozone production efficiency and nitrate formation in Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9499-9509.	1.2	35
85	Analysis of model-based PM _{2.5} emission factors for on-road mobile sources in Mexico. <i>Atmosfera</i> , 2013, 26, 109-124.	0.3	7
86	Effect of aerosols and NO ₂ concentration on ultraviolet actinic flux near Mexico City during MILAGRO: measurements and model calculations. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 1011-1022.	1.9	19
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96	Wintertime aerosol chemical composition and source apportionment of the organic fraction in the metropolitan area of Paris. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 961-981.	1.9	391
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110	Spatially resolved chemical imaging of individual atmospheric particles using nanoscale imaging mass spectrometry: insight into particle origin and chemistry. <i>Analytical Methods</i> , 2014, 6, 2444-2451.	1.3	21
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114	Air Pollution and Children: Neural and Tight Junction Antibodies and Combustion Metals, the Role of Barrier Breakdown and Brain Immunity in Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2014, 43, 1039-1058.	1.2	110
115	Physical properties of ambient and laboratory-generated secondary organic aerosol. <i>Geophysical Research Letters</i> , 2014, 41, 4347-4353.	1.5	53
116	Secondary organic aerosol yields of 12-carbon alkanes. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1423-1439.	1.9	100
117	Meteorology during the DOMINO campaign and its connection with trace gases and aerosols. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2325-2342.	1.9	11
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151	Comparison of Ozone Production Regimes between Two Mexican Cities: Guadalajara and Mexico City. <i>Atmosphere</i> , 2016, 7, 91.	1.0	8
152	Chocolate, Air Pollution and Children's Neuroprotection: What Cognition Tools should be at Hand to Evaluate Interventions?. <i>Frontiers in Pharmacology</i> , 2016, 7, 232.	1.6	7
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155	Photochemical assessment monitoring stations program adapted for ozone precursors monitoring network in Mexico City. <i>Atmosfera</i> , 2016, 29, 169.	0.3	4
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