

Determination of urban volatile organic compound emissions an emissions database

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Measurements of PANs during the New England Air Quality Study 2002. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	49
2	Long-term measurements of CO, NO, NO ₂ , benzene, toluene and PM ₁₀ at a motorway location in an Austrian valley. <i>Atmospheric Environment</i> , 2008, 42, 1012-1024.	1.9	52
3	A study of organic nitrates formation in an urban plume using a Master Chemical Mechanism. <i>Atmospheric Environment</i> , 2008, 42, 5771-5786.	1.9	32
4	OH-reactivity of volatile organic compounds at urban and rural sites across Canada: Evaluation of air quality model predictions using speciated VOC measurements. <i>Atmospheric Environment</i> , 2008, 42, 7746-7756.	1.9	50
5	Nonmethane hydrocarbons at Pico Mountain, Azores: 1. Oxidation chemistry in the North Atlantic region. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	46
6	Sources of particulate matter in the northeastern United States in summer: 1. Direct emissions and secondary formation of organic matter in urban plumes. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	173
7	Assessment of ambient volatile organic compounds (VOCs) near major roads in urban Nanjing, China. <i>Atmospheric Research</i> , 2008, 89, 289-297.	1.8	94
8	New constraints on terrestrial and oceanic sources of atmospheric methanol. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 6887-6905.	1.9	160
9	Proton Transfer Reaction Time-of-Flight Mass Spectrometry at Low Drift-Tube Field-Strengths Using an H ₂ ⁺ /O-Rare Gas Discharge-Based Ion Source. <i>Journal of the Mass Spectrometry Society of Japan</i> , 2008, 56, 181-187.	0.0	5
10	Global modeling of secondary organic aerosol formation from aromatic hydrocarbons: high- vs. low-yield pathways. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 2405-2420.	1.9	366
11	VOC reactivity in central California: comparing an air quality model to ground-based measurements. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 351-368.	1.9	61
12	Comparison of air pollutant emissions among mega-cities. <i>Atmospheric Environment</i> , 2009, 43, 6435-6441.	1.9	123
13	Characteristics of malodor pollutants and aromatic VOCs around an urban valley in Korea. <i>Environmental Monitoring and Assessment</i> , 2009, 157, 259-275.	1.3	7
14	Adaptation of a proton transfer reaction mass spectrometer instrument to employ NO ⁺ as reagent ion for the detection of 1,3-butadiene in the ambient atmosphere. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3301-3308.	0.7	32
15	Proton transfer mass spectrometry at 11hPa with a circular glow discharge: Sensitivities and applications. <i>International Journal of Mass Spectrometry</i> , 2009, 282, 28-37.	0.7	23
16	HCN detection with a proton transfer reaction mass spectrometer. <i>International Journal of Mass Spectrometry</i> , 2009, 283, 112-121.	0.7	35
17	Organic Aerosols in the Earth's Atmosphere. <i>Environmental Science & Technology</i> , 2009, 43, 7614-7618.	4.6	374
18	Proton-Transfer Reaction Mass Spectrometry. <i>Chemical Reviews</i> , 2009, 109, 861-896.	23.0	612

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19	Temporal distribution, behaviour and reactivities of BTEX compounds in a suburban Atlantic area during a year. <i>Journal of Environmental Monitoring</i> , 2009, 11, 1216.	2.1	16
20	Regional variation of the dimethyl sulfide oxidation mechanism in the summertime marine boundary layer in the Gulf of Maine. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	17
21	Organic aerosol formation in urban and industrial plumes near Houston and Dallas, Texas. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	230
22	An evaluation of real-time air quality forecasts and their urban emissions over eastern Texas during the summer of 2006 Second Texas Air Quality Study field study. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	69
23	Airborne Measurements of Ethene from Industrial Sources Using Laser Photo-Acoustic Spectroscopy. <i>Environmental Science & Technology</i> , 2009, 43, 2437-2442.	4.6	57
24	Emissions of volatile organic compounds inferred from airborne flux measurements over a megacity. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 271-285.	1.9	118
25	Emission and chemistry of organic carbon in the gas and aerosol phase at a sub-urban site near Mexico City in March 2006 during the MILAGRO study. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 3425-3442.	1.9	114
26	Measurements of Volatile Organic Compounds Using Proton Transfer Reaction " Mass Spectrometry during the MILAGRO 2006 Campaign. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 467-481.	1.9	79
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28	Global atmospheric budget of acetaldehyde: 3-D model analysis and constraints from in-situ and satellite observations. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 3405-3425.	1.9	278
29	Multi-year (2004-2008) record of nonmethane hydrocarbons and halocarbons in New England: seasonal variations and regional sources. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 4909-4929.	1.9	100
30	PTR-MS measurements of non-methane volatile organic compounds during an intensive field campaign at the summit of Mount Tai, China, in June 2006. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 7085-7099.	1.9	31
31	Ozone variability and halogen oxidation within the Arctic and sub-Arctic springtime boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 10223-10236.	1.9	104
32	Chemical evolution of volatile organic compounds in the outflow of the Mexico City Metropolitan area. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 2353-2375.	1.9	131
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34	The seasonal cycles and photochemistry of C ₂ -C ₅ alkanes at Mace Head. <i>Atmospheric Environment</i> , 2010, 44, 2705-2713.	1.9	16
35	Global comparison of VOC and CO observations in urban areas. <i>Atmospheric Environment</i> , 2010, 44, 5053-5064.	1.9	175
36	A comparison of GC-FID and PTR-MS toluene measurements in ambient air under conditions of enhanced monoterpene loading. <i>Atmospheric Measurement Techniques</i> , 2010, 3, 959-980.	1.2	33

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38	Biogenic emission measurement and inventories determination of biogenic emissions in the eastern United States and Texas and comparison with biogenic emission inventories. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	89
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43	Organic Aerosol Formation Downwind from the Deepwater Horizon Oil Spill. <i>Science</i> , 2011, 331, 1295-1299.	6.0	162
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45	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
46	Anthropogenic emissions during Arctas-A: mean transport characteristics and regional case studies. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 8677-8701.	1.9	25
47	Assessment of fossil fuel carbon dioxide and other anthropogenic trace gas emissions from airborne measurements over Sacramento, California in spring 2009. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 705-721.	1.9	148
48	Size-resolved aerosol emission factors and new particle formation/growth activity occurring in Mexico City during the MILAGRO 2006 Campaign. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 8861-8881.	1.9	28
49	Application of PTR-MS to an incubation experiment of the marine diatom <i>Thalassiosira pseudonana</i> . <i>Geochemical Journal</i> , 2011, 45, 355-363.	0.5	13
50	The glyoxal budget and its contribution to organic aerosol for Los Angeles, California, during CalNex 2010. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	99
51	Vertical distributions of non-methane hydrocarbons and halocarbons in the lower troposphere over northeast China. <i>Atmospheric Environment</i> , 2011, 45, 6501-6509.	1.9	33
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57	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
58	Hydrocarbon emissions characterization in the Colorado Front Range: A pilot study. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	359
59	Vertical concentration gradients of volatile organic compounds in two NS-oriented street canyons. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 7353-7364.	1.3	2
60	Measurements of ambient hydrocarbons and carbonyls in the Pearl River Delta (PRD), China. <i>Atmospheric Research</i> , 2012, 116, 93-104.	1.8	76
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62	Linking emissions of fossil fuel CO ₂ and other anthropogenic trace gases using atmospheric ¹⁴ CO ₂ . <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	121
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64	Aromatic hydrocarbons as ozone precursors before and after outbreak of the 2008 financial crisis in the Pearl River Delta region, south China. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	74
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72	Comparison of NO _x Fluxes Measured by Eddy Covariance to Emission Inventories and Land Use. <i>Environmental Science & Technology</i> , 2013, 47, 1800-1808.	4.6	19
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74	Constraints on emissions of carbon monoxide, methane, and a suite of hydrocarbons in the Colorado Front Range using observations of ¹⁴ CO ₂ . <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 11101-11120.	1.9	27

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75	Emission ratios of anthropogenic volatile organic compounds in northern mid-latitude megacities: Observations versus emission inventories in Los Angeles and Paris. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 2041-2057.	1.2	210
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80	VOC emissions, evolutions and contributions to SOA formation at a receptor site in eastern China. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8815-8832.	1.9	220
81	Organic aerosol composition and sources in Pasadena, California, during the 2010 CalNex campaign. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9233-9257.	1.2	231
82	Ozone and organic nitrates over the eastern United States: Sensitivity to isoprene chemistry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 11,256.	1.2	213
83	Photochemical aging of volatile organic compounds in the Los Angeles basin: Weekday-weekend effect. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5018-5028.	1.2	54
84	Volatile organic compound distributions during the NACHTT campaign at the Boulder Atmospheric Observatory: Influence of urban and natural gas sources. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 10,614.	1.2	91
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94	Quantifying global terrestrial methanol emissions using observations from the TES satellite sensor. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 2555-2570.	1.9	36
95	Understanding primary and secondary sources of ambient carbonyl compounds in Beijing using the PMF model. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 3047-3062.	1.9	153
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112	Multi-year levels and trends of non-methane hydrocarbon concentrations observed in ambient air in France. <i>Atmospheric Environment</i> , 2016, 141, 263-275.	1.9	28
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122	Evaluating the impact of new observational constraints on P-S/IVOC emissions, multi-generation oxidation, and chamber wall losses on SOA modeling for Los Angeles, CA. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 9237-9259.	1.9	36
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