



Volume 41

Issue 5

February 2007

ISSN 1352-2310

ATMOSPHERIC ENVIRONMENT

Air Pollution: Emissions • Transport and dispersion • Transformation • Deposition
Effects • Micrometeorology • Urban Atmosphere • Global Atmosphere



CONTENTS

Regular papers

- X. Bi, Y. Feng, J. Wu, Y. Wang and T. Zhu 903 Source apportionment of PM₁₀ in six cities of northern China
- T. Moreno, X. Querol, A. Alastuey, M.C. Minguillón, J. Pey, S. Rodriguez, J.V. Miró, C. Felis and W. Gibbons 913 Recreational atmospheric pollution episodes: Inhalable metalliferous particles from firework displays
- R. Gehrig, M. Hill, P. Lienemann, C.N. Zwicky, N. Bukowiecki, E. Weingartner, U. Baltensperger and B. Buchmann 923 Contribution of railway traffic to local PM10 concentrations in Switzerland
- J.-J. Baik, Y.-S. Kang and J.-J. Kim 934 Modeling reactive pollutant dispersion in an urban street canyon
- A. Lindskog, P.-E. Karlsson, P. Grennfelt, S. Solberg and C. Forster 950 An exceptional ozone episode in northern Fennoscandia
- G. Sarwar and R. Corsi 959 The effects of ozone/limonene reactions on indoor secondary organic aerosols
- S.-K. Song, Z.-H. Shon, K.-H. Kim, S.C. Kim, Y.-K. Kim and J.-K. Kim 974 Monitoring of atmospheric reduced sulfur compounds and their oxidation in two coastal landfill areas
- F. Geng, C. Zhao, X. Tang, G. Lu and X. Tie 989 Analysis of ozone and VOCs measured in Shanghai: A case study
- E. Liakakou, M. Vrekoussis, B. Bonsang, Ch. Donousis, M. Kanakidou and N. Mihalopoulos 1002 Isoprene above the Eastern Mediterranean: Seasonal variation and contribution to the oxidation capacity of the atmosphere
- S.L. Greco, A.M. Wilson, J.D. Spengler and J.I. Levy 1011 Spatial patterns of mobile source particulate matter emissions-to-exposure relationships across the United States
- X. Querol, M.C. Minguillón, A. Alastuey, E. Monfort, E. Mantilla, M.J. Sanz, F. Sanz, A. Roig, A. Renau, C. Felis, J.V. Miró and B. Artíñano 1026 Impact of the implementation of PM abatement technology on the ambient air levels of metals in a highly industrialised area
- J.J. Nájera 1041 Phase transition behaviour of sodium oleate aerosol particles
- H.-N. Jang, Y.-C. Seo, J.-H. Lee, K.-W. Hwang, J.-I. Yoo, C.-H. Sok and S.-H. Kim 1053 Formation of fine particles enriched by V and Ni from heavy oil combustion: Anthropogenic sources and drop-tube furnace experiments
- J.F. Mejía, D. Wraith, K. Mengersen and L. Morawska 1064 Trends in size classified particle number concentration in subtropical Brisbane, Australia, based on a 5 year study

Continued on inside back cover

Indexed/Abstracted in: *Anal Abstr Acid Pre Dig*, *Air Poll Titles*, *Appl Sci Technol*, *Appl Sci Technol*, *Appl Sci Technol Index*, *Appl Sci Technol Abstr*, *Current Contents*, *Aqua Abstr*, *Biosis Data*, *CAB Inter*, *Cam Sci Abstr*, *Chem Eng Abstr*, *Chemical Abstracts Service*, *CABS*, *Environ Per Bibl*, *Excerpt Med*, *Fluid Abstr Civ Eng*, *Fluid Abstr Process Eng*, *FLUIDEX*, *Geo Abstr*, *INSPEC Data*, *PASCAL-CNRS Data*, *SCISEARCH Data*, *TCEA*, *Tribol Corros Abstr*, *Meteorol Geostrophys Abstr*.



1352-2310(2007)41:5;1-D

- L. Zhang, C. Song, D. Wang and Y. Wang 1080 Effects of exogenous nitrogen on freshwater marsh plant growth and N₂O fluxes in Sanjiang Plain, Northeast China
- Y. Wang, G. Zhuang, A. Tang, W. Zhang, Y. Sun, Z. Wang and Z. An 1091 The evolution of chemical components of aerosols at five monitoring sites of China during dust storms
- G. Schkolnik, D. Chand, A. Hoffer, M.O. Andreae, C. Erlick, E. Swietlicki and Y. Rudich 1107 Constraining the density and complex refractive index of elemental and organic carbon in biomass burning aerosol using optical and chemical measurements



Available online at www.sciencedirect.com



ISSN 1352-2310

41(5) 903–1118 (2007)