



Volume 41

Issue 17

June 2007

ISSN 1352-2310

ATMOSPHERIC ENVIRONMENT

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



ATMOSPHERIC ENVIRONMENT
VOLUME 41 NUMBER 17

CONTENTS—*continued from outside back cover*

G. Stevens, B. de Foy, J.J. West and J.I. Levy	3672	Developing intake fraction estimates with limited data: Comparison of methods in Mexico City
C.-Y. Lin, Z. Wang, C.C.-K. Chou, C.-C. Chang and S.C. Liu	3684	A numerical study of an autumn high ozone episode over southwestern Taiwan
J. Stamenkovic and M.S. Gustin	3702	Evaluation of use of EcoCELL technology for quantifying total gaseous mercury fluxes over background substrates
A.P. Leskinen, J.K. Jokiniemi and K.E.J. Lehtinen	3713	Characterization of aging wood chip combustion aerosol in an environmental chamber
Short communications		
R.E. Dodson, J.I. Levy, J.P. Shine, J.D. Spengler and D.H. Bennett	3722	Multi-zonal air flow rates in residences in Boston, Massachusetts
Corrigendum		
K.-H. Kim, E.-C. Jeon, Y.-J. Choi and Y.-S. Koo	3728	Corrigendum to: “The emission characteristics and the related malodour intensities of gaseous reduced sulfur compounds (RSC) in a large industrial complex” [Atmos. Environ. 40 (2006) 4478–4490]

ATMOSPHERIC ENVIRONMENT

<http://www.elsevier.com/locate/atmosenv>

Volume 41 Issue 17

2007

CONTENTS

Regular papers

M.R. Heal, M.A.J. Harrison and J. Neil Cape	3515	Aqueous-phase nitration of phenol by N_2O_5 and ClNO_2
G. Gramotnev and D.K. Gramotnev	3521	Multi-channel statistical analysis of combustion aerosols. Part I: Canonical correlations and sources of particle modes
D.K. Gramotnev and G. Gramotnev	3535	Multi-channel statistical analysis of combustion aerosols. Part II: Negative correlations of particle modes and fragmentation theorem
J. Lee and Y. Kim	3546	Spectroscopic measurement of horizontal atmospheric extinction and its practical application
C.Y. Chan, Y.S. Li, J.H. Tang, Y.K. Leung, M.C. Wu, L.Y. Chan, C.C. Chang and S.C. Liu	3556	An analysis on abnormally low ozone in the upper troposphere over subtropical East Asia in spring 2004
K.W. Kim	3565	Physico-chemical characteristics of visibility impairment by airborne pollen in an urban area
S. Saarikoski, M. Sillanpää, M. Sofiev, H. Timonen, K. Saarnio, K. Teinilä, A. Karppinen, J. Kukkonen and R. Hillamo	3577	Chemical composition of aerosols during a major biomass burning episode over northern Europe in spring 2006: Experimental and modelling assessments
X. Zeng, Z. Wang, Z. Ge and H. Liu	3590	Quantitative structure–property relationships for predicting subcooled liquid vapor pressure (P_L) of 209 polychlorinated diphenyl ethers (PCDEs) by DFT and the position of Cl substitution (PCS) methods
A. Scheyer, S. Morville, P. Mirabel and M. Millet	3604	Variability of atmospheric pesticide concentrations between urban and rural areas during intensive pesticide application
M. Witt, S. Skrabal, R. Kieber and J. Willey	3619	Copper complexation in coastal rainwater, southeastern USA
T. Oliveira, C. Pio, C. Alves, A. Silvestre, M. Evtyugina, J. Afonso, A. Caseiro and M. Legrand	3631	Air quality and organic compounds in aerosols from a coastal rural area in the Western Iberian Peninsula over a year long period: Characterisation, loads and seasonal trends
L. Abi Esber, M. El-Fadel, I. Nuwayhid and N. Saliba	3644	The effect of different ventilation modes on in-vehicle carbon monoxide exposure
D. Tuia, M. Ossés de Eicker, R. Zah, M. Osses, E. Zarate and A. Clappier	3658	Evaluation of a simplified top-down model for the spatial assessment of hot traffic emissions in mid-sized cities

Continued on inside back cover

