



Volume 42

Issue 27

September 2008

ISSN 1352-2310

ATMOSPHERIC ENVIRONMENT

Air Pollution: Air Quality • Emissions • Transport and Transformations • Atmospheric Composition • Deposition and Fate • Pollution and Climate Change • Environmental Policy
• Special Themes



ATMOSPHERIC ENVIRONMENT

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

Volume 42 Issue 27

2008

CONTENTS

Review

- W.B. Faulkner and B.W. Shaw 6567 Review of ammonia emission factors for United States animal agriculture

Regular papers

- D. Martuzevicius, S.A. Grinshpun, T. Lee, S. Hu, P. Biswas, T. Reponen and G. LeMasters 6575 Traffic-related PM_{2.5} aerosol in residential houses located near major highways: Indoor versus outdoor concentrations
- S.S. Park, J.H. Hong, J.H. Lee, Y.J. Kim, S.Y. Cho and S.J. Kim 6586 Investigation of nitrous acid concentration in an indoor environment using an in-situ monitoring system
- H. Fromme, J. Diemer, S. Dietrich, J. Cyrys, J. Heinrich, W. Lang, M. Kiranoglu and D. Twardella 6597 Chemical and morphological properties of particulate matter (PM10, PM2.5) in school classrooms and outdoor air
- L.D. Sabin and K.C. Schiff 6606 Dry atmospheric deposition rates of metals along a coastal transect in southern California
- C. Wang and Z. Chen 6614 An experimental study for rate constants of the gas phase reactions of CH₃CH₂OOH with OH radicals, O₃, NO₂ and NO
- J.M. Dabrowski, P.J. Ashton, K. Murray, J.J. Leaner and R.P. Mason 6620 Anthropogenic mercury emissions in South Africa: Coal combustion in power plants
- T. Puzyn, A. Mostrag, N. Suzuki and J. Falandysz 6627 QSPR-based estimation of the atmospheric persistence for chloronaphthalene congeners
- J.N. Cape, M.R. Jones, I.D. Leith, L.J. Sheppard, N. van Dijk, M.A. Sutton and D. Fowler 6637 Estimate of annual NH₃ dry deposition to a fumigated ombrotrophic bog using concentration-dependent deposition velocities
- M.A. Parra, D. Elustondo, R. Bermejo and J.M. Santamaría 6647 Quantification of indoor and outdoor volatile organic compounds (VOCs) in pubs and cafés in Pamplona, Spain
- T. Lee, X.-Y. Yu, S.M. Kreidenweis, W.C. Malm and J.L. Collett 6655 Semi-continuous measurement of PM_{2.5} ionic composition at several rural locations in the United States
- R.M.B.O. Duarte and A.C. Duarte 6670 Thermogravimetric characteristics of water-soluble organic matter from atmospheric aerosols collected in a rural-coastal area

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*; *Meteorolog Geoastrophys Abstr*. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.



1352-2310(200809)42:27;1-6

Printed by Polestar Wheatons Ltd., Exeter, UK



ISSN 1352-2310

42(27) 6567-6720 (2008)

Y.-C. Lin, C.-H. Tsai, C.-R. Yang, C.H.J. Wu, 6679
T.-Y. Wu and G.-P. Chang-Chien

B.T. Jones and J.E. Ham 6689

X.P. Wang, B.Q. Xu, S.C. Kang, Z.Y. Cong and 6699
T.D. Yao

C.L. Blanchard, G.M. Hidy, S. Tanenbaum, 6710
E. Edgerton, B. Hartsell and J. Jansen

Effects on aerosol size distribution of polycyclic aromatic hydrocarbons from the heavy-duty diesel generator fueled with feedstock palm-biodiesel blends

α -Terpineol reactions with the nitrate radical: Rate constant and gas-phase products

The historical residue trends of DDT, hexachlorocyclohexanes and polycyclic aromatic hydrocarbons in an ice core from Mt. Everest, central Himalayas, China

Carbon in southeastern U.S. aerosol particles: Empirical estimates of secondary organic aerosol formation



Available online at www.sciencedirect.com



ScienceDirect

ISSN 1352-2310

42(27) 6567–6720 (2008)