



Volume 44

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



CONTENTS

New Directions

New Directions: Need for better understanding of plastic waste burning as inferred from high abundance of terephthalic acid in South Asian aerosols
K. Kawamura, C.M. Pavuluri

Review

- P. Kumar, A. Robins, S. Vardoulakis and R. Britter 5035 A review of the characteristics of nanoparticles in the urban atmosphere and the prospects for developing regulatory controls

Regular papers

- E. von Schneidmesser, P.S. Monks and C. Plass-Duelmer 5053 Global comparison of VOC and CO observations in urban areas
- T. Wu, X. Wang, D. Li and Z. Yi 5065 Emission of volatile organic sulfur compounds (VOSCs) during aerobic decomposition of food wastes
- M.F. Alonso, K.M. Longo, S.R. Freitas, R. Mello da Fonseca, V. Marécal, M. Pirre and L.G. Klenner 5072 An urban emissions inventory for South America and its application in numerical modeling of atmospheric chemical composition at local and regional scales
- P. Alanis, S. Ashkan, C. Krauter, S. Campbell and A.S. Hasson 5084 Emissions of volatile fatty acids from feed at dairy facilities
- J.C. Matthews, J.P. Ward, P.A. Keitch and D.L. Henshaw 5093 Corona ion induced atmospheric potential gradient perturbations near high voltage power lines
- D. Voukantsis, H. Niska, K. Karatzas, M. Riga, A. Damialis and D. Vokou 5101 Forecasting daily pollen concentrations using data-driven modeling methods in Thessaloniki, Greece
- J. Pey, A. Alastuey, X. Querol, N. Pérez and M. Cusack 5112 A simplified approach to the indirect evaluation of the chemical composition of atmospheric aerosols from PM mass concentrations
- D. Pérez-Rial, P. López-Mahía and R. Tauler 5122 Investigation of the source composition and temporal distribution of volatile organic compounds (VOCs) in a suburban area of the northwest of Spain using chemometric methods
- F.S. Silva, J. Cristale, P.A. André, P.H.N. Saldiva and M.R.R. Marchi 5133 PM_{2.5} and PM₁₀: The influence of sugarcane burning on potential cancer risk
- J.A. Salmond, L. Pauscher, G. Pigeon, V. Masson and D. Legain 5139 Vertical transport of accumulation mode particles between two street canyons and the urban boundary layer

Continued on inside back cover

Abstracted/indexed 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 Geostrophys Abstr*. Also covered in the abstract and citation database SCOPUS®. Full text available on ScienceDirect®.

