



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

Regular papers

- R. Iannone, R. Koppmann and J. Rudolph 4135 Stable carbon kinetic isotope effects for the production of methacrolein and methyl vinyl ketone from the gas-phase reactions of isoprene with ozone and hydroxyl radicals
- L.N. Hawkins and L.M. Russell 4142 Oxidation of ketone groups in transported biomass burning aerosol from the 2008 Northern California Lightning Series fires
- F. Hayes, G. Mills, L. Jones and M. Ashmore 4155 Does a simulated upland grassland community respond to increasing background, peak or accumulated exposure of ozone?
- Z.-Q. Zhao and C.-Q. Liu 4165 Anthropogenic inputs of boron into urban atmosphere: Evidence from boron isotopes of precipitations in Guiyang City, China
- S.D. Hafner, F. Montes, C.A. Rotz and F. Mitloehner 4172 Ethanol emission from loose corn silage and exposed silage particles
- A. Pederzoli, M. Mircea, S. Finardi, A. di Sarra and G. Zanini 4181 Quantification of Saharan dust contribution to PM₁₀ concentrations over Italy during 2003–2005
- M. Sleiman, H. Destailats, J.D. Smith, C.-L. Liu, M. Ahmed, K.R. Wilson and L.A. Gundel 4191 Secondary organic aerosol formation from ozone-initiated reactions with nicotine and secondhand tobacco smoke
- H.R. Cheng, H. Guo, S.M. Saunders, S.H.M. Lam, F. Jiang, X.M. Wang, I.J. Simpson, D.R. Blake, P.K.K. Louie and T.J. Wang 4199 Assessing photochemical ozone formation in the Pearl River Delta with a photochemical trajectory model
- A. Vijayan and A. Kumar 4209 Experimental and statistical analyses to characterize in-vehicle fine particulate matter behavior inside public transit buses operating on B20-grade biodiesel fuel
- Y. Roustan, K.N. Sartelet, M. Tombette, É. Debry and B. Sportisse 4219 Simulation of aerosols and gas-phase species over Europe with the POLYPHEMUS system. Part II: Model sensitivity analysis for 2001
- B.J. McCoy, P.S. Fischbeck and D. Gerard 4230 How big is big? How often is often? Characterizing Texas petroleum refining upset air emissions
- C.D. Geron and R.R. Arnts 4240 Seasonal monoterpene and sesquiterpene emissions from *Pinus taeda* and *Pinus virginiana*

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®.



1352-2310(201011)44:34;1-A

Printed by Polestar Wheatons Ltd., Exeter, UK



ELSEVIER

ISSN 1352-2310
44(34) 4135–4330 (2010)