

AEROSOL AND AIR QUALITY RESEARCH

CONTENTS

Radon Decay Product Aerosols in Ambient Air <i>Constantin Papastefanou</i>	385
Mercury Capture by Nano-structured Titanium Dioxide Sorbent during Coal Combustion: Lab-scale to Pilot-scale Studies <i>Achariya Suriyawong, Marina Smallwood, Ying Li, Ye Zhuang, Pratim Biswas</i>	394
Effects of Moisture Content and Burning Period on Concentration of Smoke Particles and Particle-Bound Polycyclic Aromatic Hydrocarbons from Rubber-Wood Combustion <i>Jiraporn Chomanee, Surajit Tekasakul, Perapong Tekasakul, Masami Furuuchi, Yoshio Otani</i>	404
Comparison of Water-Soluble Organic Components in Size-Segregated Particles between a Roadside and a Suburban Site in Saitama, Japan <i>Linfa Bao, Kazuhiko Sekiguchi, Qingyue Wang, Kazuhiko Sakamoto</i>	412
Vertical Profile of Ozone and Accompanying Air Pollutant Concentrations Observed at a Downwind Foothill Site of Industrial and Urban Areas <i>Kuo-Hsin Tseng, Chien-Lung Chen, Min-Der Lin, Ken-Hui Chang, Ben-Jei Tsuang</i>	421
Preparing Copper/Manganese Catalyst by Sol-Gel Process for Catalytic Incineration of VOCs <i>Jie-Chung Lou, Hung-Wen Yang, Chien-Hung Lin</i>	435
Using a Photochemical Index to Discuss the Ozone Formation and Estimate Hydroxyl Concentration at Downwind Area <i>Kuo-Hsin Tseng, Jia-Lin Wang, Pei-Hsuan Kuo, Ben-Jei Tsuang</i>	441
First Differential Mobility Analysis (DMA) Measurements of Air Ions Produced by Radioactive Source and Corona <i>Manuel Alonso, José P. Santos, Esther Hontañón, Emilio Ramiro</i>	453
Analysis of Diurnal and Seasonal Variation of Submicron Outdoor Aerosol Mass and Size Distribution in a Northern Indian City and Its Correlation to Black Carbon <i>S.P. Baxla, A.A. Roy, Tarun Gupta, S.N. Tripathi, R. Bandyopadhyaya</i>	458
Non-Collecting Electrical Sensor for Particle Concentration Measurement <i>Antti Rostedt, Marko Marjamäki, Jaakko Yli-Ojanperä, Jorma Keskinen, Kauko Janka, Ville Niemelä, Ari Ukkonen</i>	470