Indoor and Built Environment

Contents

Editorial

467 Revisit of Wind Flows between Wind Tunnels and Real Canyons – The Viewpoint of Reynolds Dynamic Similarity

Y.-W. Zhang, Z.-L. Gu, Z.-S. Wang and C. W. F. Yu

Original Papers

471 Experimental Investigation of Indoor Air Pollutants in Residential Buildings

C. C. L. Tan, K. N. Finney, Q. Chen, N. V. Russell, V. N. Sharifi and J. Swithenbank

- 490 The Impact of Air-conditioning Usage on Sick Building Syndrome during Summer in China B. Cao, Q. Shang, Z. Dai and Y. Zhu
- 498 Relationship between Housing and Health: A Cross-Sectional Study of an Urban Centre of India G. Firdaus and A. Ahmad
- 508 The Energy Saving Potential and the Associated Thermal Comfort of Displacement Ventilation Systems Assisted by Personalised Ventilation A. Makhoul, K. Ghali and N. Ghaddar
- 520 A New Diffusive Sampler for Determining Nicotine and 3-Ethenylpyridine Contents in Second-Hand Smoke

Y. Ishizu and Y. Ishizu

528 Biomass Energy Utilisation, Air Quality and the Health of Rural Women and Children in Ido LGA, South-Western Nigeria

O. Oguntoke, A. T. Adebulehin and H. J. Annegarn

535 Analyses on Human Responses to Illuminance Variations for Resident-Friendly Lighting Environment in a Small Office

J.-H. Lee, Y. Yoon, Y.-K. Baik and S. Kim

551 Numerical Study on the Contribution of Convective Mass Transfer Inside High-Porosity Adsorbents in the VOC Adsorption Process

G. Zhang, W. He, L. Fang and F. Ma

559 Transport Phenomena in a Cross-Flow Hollow Fibre Membrane Bundle Used for Liquid Desiccant Air Dehumidification

S.-M. Huang, L.-Z. Zhang and L.-X. Pei

Case Study Papers

575 Radon Exposure Assessment for Sewerage System's Workers in Naples, South Italy

M. Pugliese, M. Quarto, F. De Cicco, C. De Sterlich and V. Roca

- 580 Parametric Evaluation of Indoor Particulate Matters in Elementary Schools in the Central Parts of Tehran F. Halek, M. Kianpour-Rad and A. Kavousirahim
- 586 Indoor and Outdoor Particulate Matter Variability in Athens, Greece

P. T. Nastos, I. K. Larissi, K. N. Grigoropoulos, A. Antoniou and A. G. Paliatsos