

## Contents

### Editorial

- 291 **Characterise sources for exposure assessment of chemicals in indoor environment**  
X. Liu

### Original Papers

- 296 **Energy performance and environmental quality of typical railway passenger stations in northern China**  
L. Song, Y. Wang and X. Li
- 308 **The effect of correlated colour temperature of lighting on thermal sensation and thermal comfort in a simulated indoor workplace**  
R.R. Baniya, E. Tetri, J. Virtanen and L. Halonen
- 317 **Influence of sinusoidal airflow and airflow distance on human thermal response to a personalized ventilation system**  
Y. Xie, S. Fu, C. Wu and C.Y.H. Chao
- 331 **Graphical visualisation assist analysis of indoor environmental performance: Impact of atrium spaces on public buildings in cold climates**  
J. Li, S. Lu and Q. Wang
- 348 **An approach for making optimal decisions in building energy efficiency retrofit projects**  
A.S. Solmaz, E.H. Halicioglu and S. Gunhan
- 369 **Numerical assessment of the effect of cigarette smoking on indoor PM<sub>2.5</sub> distribution and study of ventilation strategies**  
Z. Ma and S. Sun
- 380 **Estimation of indoor radon, thoron and their decay products' concentrations along with annual inhalation dose in dwellings of Punjab, India**  
K. Saini, B.K. Sahoo and B.S. Bajwa
- 390 **Development of a psychological pathway model linking lighting quality to well-being in indoor café environments**  
D.H. Kim
- 402 **A new urban canopy parameterization scheme for wind environment simulations**  
C. Duan, W. Lu, Y. Zhang and Z. Gu
- 423 **Comparison and statistical analysis of long-term overheating indices applied on energy renovated dwellings in temperate climates**  
T. Psomas, P. Heiselberg, K. Duer and M.M. Andersen