

Journal of the  
**Air & Waste  
Management  
Association**

**Volume 62, Issue 3  
March 2012**



# Journal of the Air & Waste Management Association

Analysts for

## Technical Papers

- The effects of manganese precursors on Mn-based/TiO<sub>2</sub> catalysts for conversion of NO with NH<sub>3</sub>  
Hua Tong and Yan Huang
- Effect of biocover equipped with a novel passive air diffusion system on microbial community of methanotrophs  
Zifang Chi, Wenjing Lu, Zishen Mou, Hongtao Wang, Yuyang Long, and Zhenhan Duan 278
- Quantification of emission factor uncertainty  
George Pouliot, Emily Wisner, David Mobley, and William Hunt, Jr. 287
- Benefits of clean development mechanism application on the life cycle assessment perspective: A case study in the palm oil industry  
Onn Chiu Chuen and Sumiani Yusoff 299
- Black carbon particulate matter emission factors for buoyancy-driven associated gas flares  
James D.N. McEwen and Matthew R. Johnson 307
- Field evaluation of particulate matter measurements using tapered element oscillating microbalance in a layer house  
Qian-Feng Li, Lingjuan Wang-Li, Zifei Liu, and Albert J. Heber 322
- Simulating industrial emissions using Atmospheric Dispersion Modeling System: Model performance and source emission factors  
M. El-Fadel and L. Abi-Esber 336
- Particulate matter emission rates from beef cattle feedlots in Kansas—Reverse dispersion modeling  
Henry F. Bonifacio, Ronaldo G. Maghirang, Brent W. Auvermann, Edna B. Razote, James P. Murphy, and Joseph P. Harner, III 350
- Improving the activity of Mn/TiO<sub>2</sub> catalysts through control of the pH and valence state of Mn during their preparation  
Sung Su Kim and Sung Chang Hong 362
- Corrigendum 370

\*For the full Author Instructions for submittal to the *Journal of the Air & Waste Management Association*, please go to <http://tandfonline.com/UAWM>.