

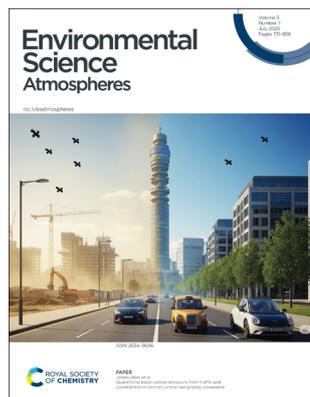
Environmental Science: Atmospheres

rsc.li/esatmospheres

The Royal Society of Chemistry is the world's leading chemistry community. Through our high impact journals and publications we connect the world with the chemical sciences and invest the profits back into the chemistry community.

IN THIS ISSUE

ISSN 2634-3606 CODEN ESANC9 5(7) 731–858 (2025)



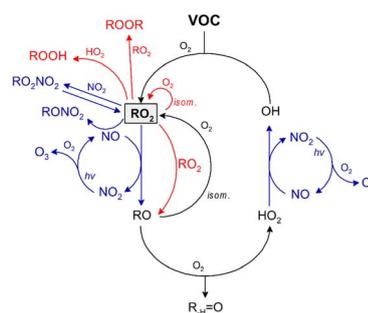
Cover
See James Allan *et al.*,
pp. 785–800. Image
reproduced by permission of
Zixuan Cheng from *Environ.*
Sci.: Atmos., 2025, 5, 785.

PERSPECTIVE

737

A perspective on the reactions of organic peroxy radicals with HO₂

Niklas Illmann*



CRITICAL REVIEW

756

A systematic review of wet and dry deposition of reactive nitrogen, sulfur, and heavy metals: ecosystem contamination and food chain disruption in Ghana

Zikrullah Safi,* Michael Miyittah, Benjamin Kwasi Offei and Godwin Amenorpe



**GOLD
OPEN
ACCESS**

EES Batteries

**Exceptional research on
batteries and energy storage**

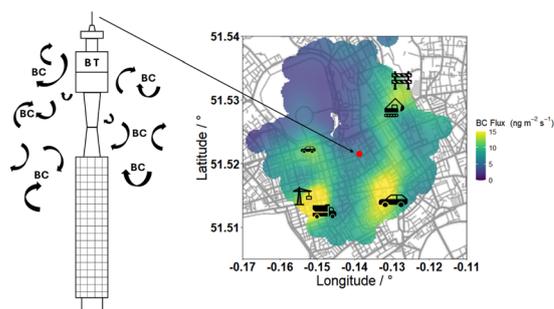
Part of the EES family

Join | Publish with us
in | rsc.li/EESBatteries

785

Quantifying black carbon emissions from traffic and construction in central London using eddy covariance

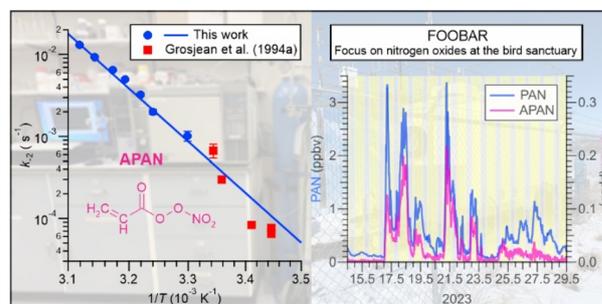
Zixuan Cheng, Dawei Hu, Michael Flynn, Eiko Nemitz, Ben Langford, Will Drysdale, Carole Helfter, Samuel Cliff, Dantong Liu, Rutambhara Joshi, James Cash, James Lee, Hugh Coe and James Allan*



801

Thermal decomposition of peroxyacrylic nitric anhydride (APAN)

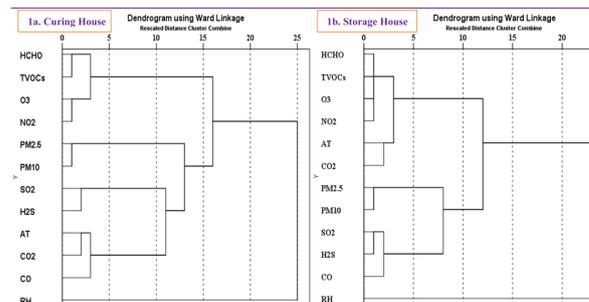
Amanda L. Gomez, Kevin D. Easterbrook, Nicole M. Johnson, Shanu Johnson and Hans D. Osthoff*



814

Air pollutant dynamics and behaviours in tobacco processing and storage environments: implications for air quality and health hazards

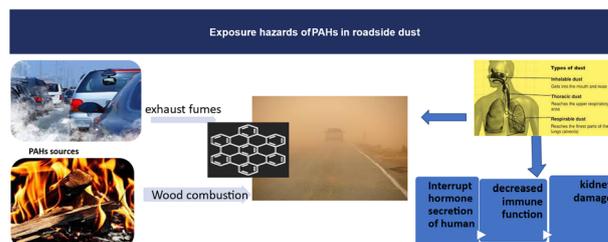
Anupam Roy, M. G. Mostafa* and M. K. Saha

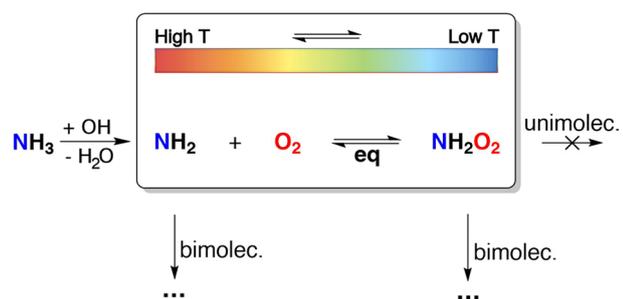


831

Exposure and comparative risk assessment of PAHs in dust from roadside solid surfaces in three semiurban areas of Eastern Nigeria

John Kanayochukwu Nduka,* Chideraa Courage Offor,* Henrietta Ijeoma Kelle and Perpetua Chioma Okafor





Formation of the aminoperoxy radical in the atmospheric oxidation of ammonia

Vili-Taneli Salo, Jing Chen and Henrik G. Kjaergaard*

