

Environmental Science: Atmospheres

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Cover

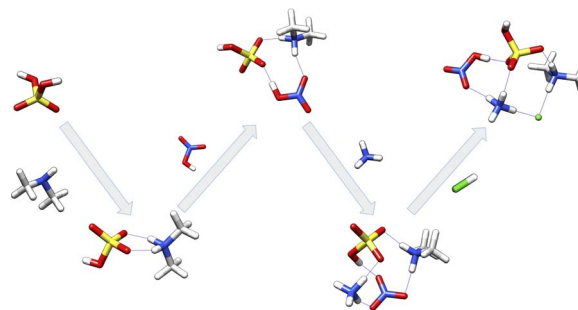
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PAPERS

1585

The driving effects of common atmospheric molecules for formation of clusters: the case of sulfuric acid, nitric acid, hydrochloric acid, ammonia, and dimethylamine

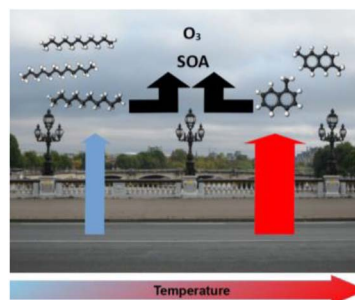
Olivia M. Longworth, Conor J. Bready, Macie S. Joines and George C. Shields*



1601

VOC emissions by fresh and old asphalt pavements at service temperatures: impacts on urban air quality

J. Lasne,* A. Lostier, M. N. Romanias, S. Vassaux, D. Lesueur, V. Gaudion, M. Jamar, R. G. Derwent, S. Dusanter and T. Salameh*



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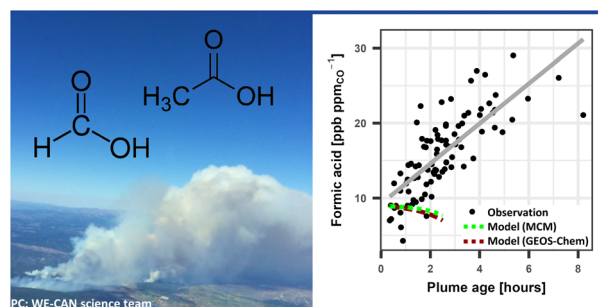


PAPERS

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Assessing formic and acetic acid emissions and chemistry in western U.S. wildfire smoke: implications for atmospheric modeling

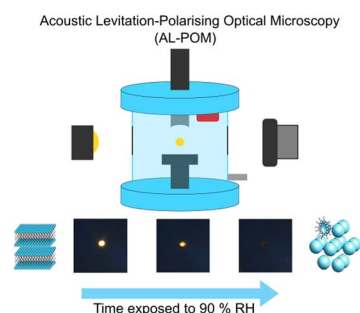
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Acoustic levitation with polarising optical microscopy (AL-POM): water uptake in a nanostructured atmospheric aerosol proxy

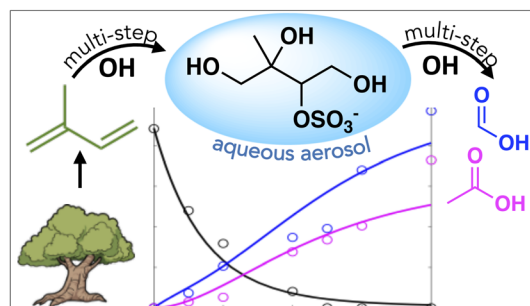
Adam Milsom, Adam M. Squires, Christopher Brasnett, William N. Sharratt, Annela M. Seddon and Christian Pfrang^{*}



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Emerging investigator series: aqueous oxidation of isoprene-derived organic aerosol species as a source of atmospheric formic and acetic acids

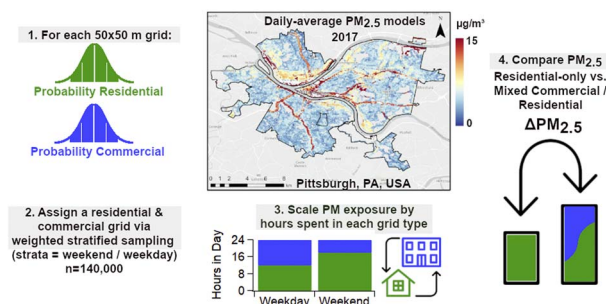
Kelvin H. Bates, Daniel J. Jacob, James D. Cope, Xin Chen, Dylan B. Millet and Tran B. Nguyen^{*}

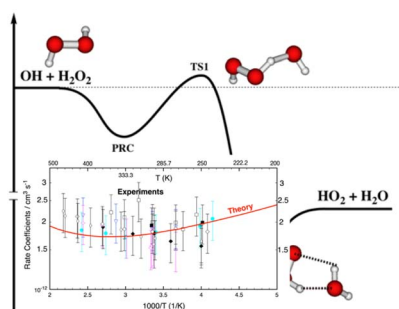


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Using spatiotemporal prediction models to quantify PM_{2.5} exposure due to daily movement

Sakshi Jain, Albert A. Presto and Naomi Zimmerman^{*}





Ab initio rate coefficients for the reaction of OH and H₂O₂ under upper troposphere and lower stratosphere conditions

Thanh Lam Nguyen^{*} and John F. Stanton^{*}

