

Environmental Science: Atmospheres

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Cover

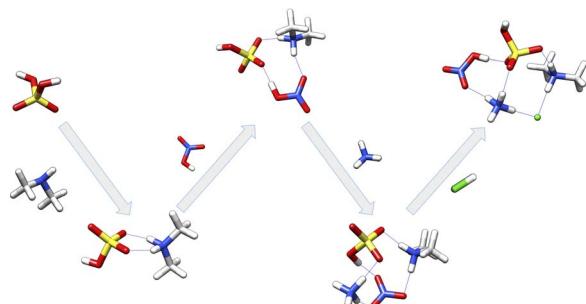
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PAPERS

1585

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

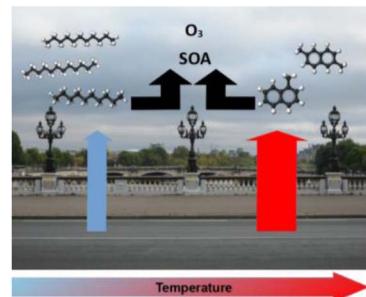
Olivia M. Longsworth, Conor J. Bready, Macie S. Joines and George C. Shields*



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. Dusant and T. Salameh*



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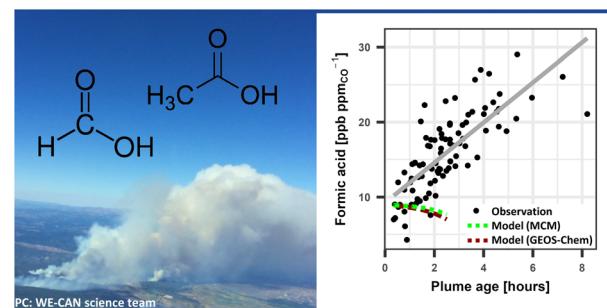


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Assessing formic and acetic acid emissions and chemistry in western U.S. wildfire smoke: implications for atmospheric modeling

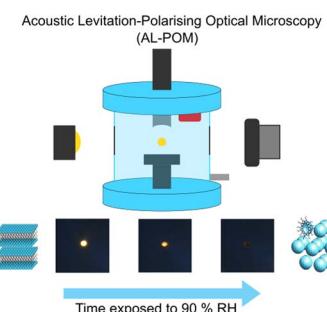
Wade Permar,* Catherine Wielgazs, Lixu Jin, Xin Chen, Matthew M. Coggon, Lauren A. Garofalo, Georgios I. Gkatzelis, Damien Ketcherside, Dylan B. Millet, Brett B. Palm, Qiaoyun Peng, Michael A. Robinson, Joel A. Thornton, Patrick Veres, Carsten Warneke, Robert J. Yokelson, Emily V. Fischer and Lu Hu



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

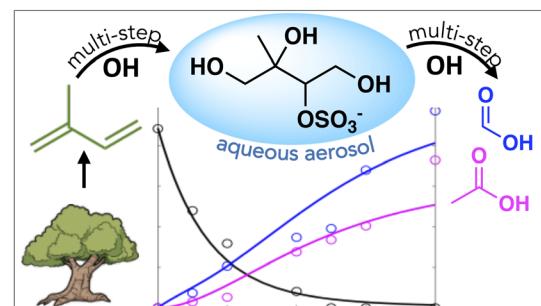
Adam Milsom, Adam M. Squires, Christopher Brasnett, William N. Sharratt, Annela M. Seddon and Christian Pfrang*



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

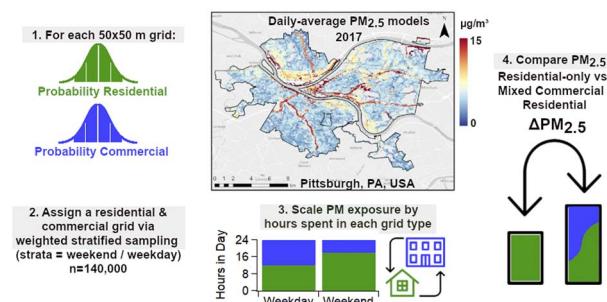
Kelvin H. Bates, Daniel J. Jacob, James D. Cope, Xin Chen, Dylan B. Millet and Tran B. Nguyen*



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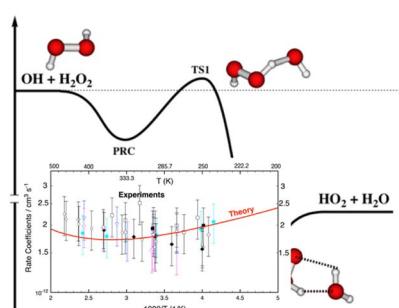
Using spatiotemporal prediction models to quantify PM_{2.5} exposure due to daily movement

Sakshi Jain, Albert A. Presto and Naomi Zimmerman*



PAPERS

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***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*