

# Environmental Science Processes & Impacts

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## IN THIS ISSUE

ISSN 2050-7887 CODEN ESPICZ 25(6) 1009–1134 (2023)



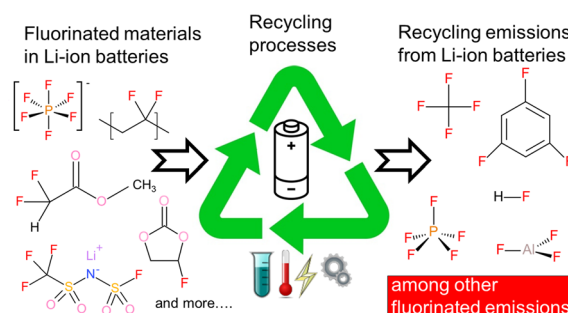
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## CRITICAL REVIEW

1015

### Lithium-ion battery recycling: a source of per- and polyfluoroalkyl substances (PFAS) to the environment?

Amanda Rensmo,\* Eleni K. Savvidou, Ian T. Cousins, Xianfeng Hu, Steffen Schellenberger and Jonathan P. Benskin

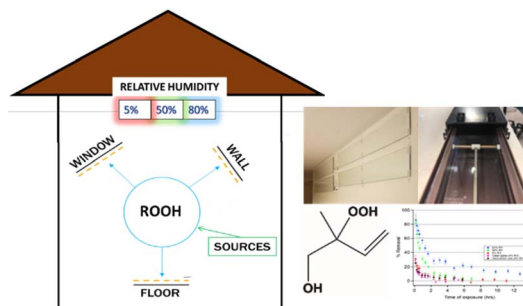


## PAPERS

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### The fate of organic peroxides indoors: quantifying humidity-dependent uptake on naturally soiled indoor window glass

Marc Webb, Liyong Cui, Glenn Morrison,\* Karsten Baumann, Jason D. Surratt, Zhenfa Zhang, Joanna Atkin and Barbara J. Turpin\*



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Environmental Science: Processes & Impacts (electronic: ISSN 2050-7895) is published 12 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry Order Department, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK  
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# Environmental Science Processes & Impacts

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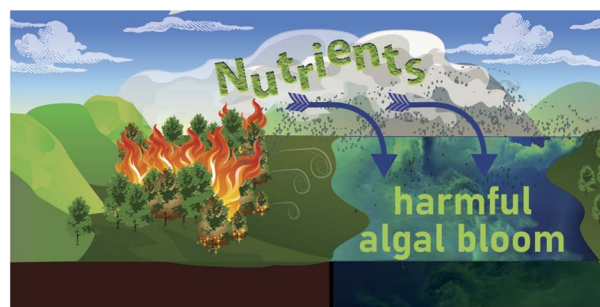


## PAPERS

1049

# Wildfires in the western United States are mobilizing PM<sub>2.5</sub>-associated nutrients and may be contributing to downwind cyanobacteria blooms

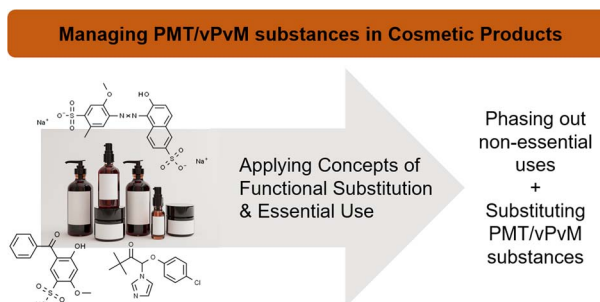
Nicole E. Olson,\* Katie L. Boaggio, R. Byron Rice, Kristen M. Foley and Stephen D. LeDuc



1067

# Managing PMT/vPvM substances in consumer products through the concepts of essential-use and functional substitution: a case-study for cosmetics

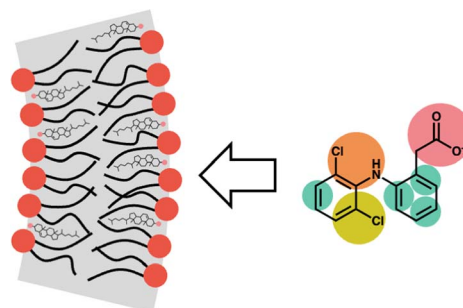
Joanke van Dijk,\* Romain Figuière, Stefan C. Dekker, Annemarie P. van Wezel and Ian T. Cousins



1082

# Partitioning into phosphatidylcholine–cholesterol membranes: liposome measurements, coarse-grained simulations, and implications for bioaccumulation

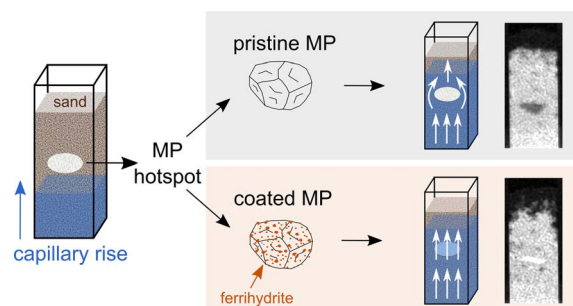
Thomas D. Potter, Nicola Haywood, Alexandre Teixeira, Geoff Hodges, Elin L. Barrett and Mark A. Miller\*



1094

# Ferrihydrite coating reduces microplastic induced soil water repellency

Andreas Cramer,\* Johanna Schmidtman,\* Pascal Benard, Anders Kaestner, Matthias Engelhardt, Stefan Peiffer and Andrea Carminati



## PAPERS

1102



### Harmful algae blooms: an analysis of recent spatiotemporal trends on California's inland waterbodies

Kate Jang and Ochan Otim\*

1116

Combined **targeted** and **untargeted** screening of environmental contaminants in human plasma using LC-HRMS

**18 targeted PFAS** and one **OH-PCB** detected

**Five endogenous compounds**, including three **vitamin D<sub>3</sub> metabolites**, strongly **correlating with PFHxS**

### Combining the targeted and untargeted screening of environmental contaminants reveals associations between PFAS exposure and vitamin D metabolism in human plasma

Henrik Carlsson, Akshai Parakkal Sreenivasan, Ida Erngren, Anders Larsson and Kim Kultima\*

## CORRECTION

1131

### Correction: A submersible probe with in-line calibration and a symmetrical reference element for continuous direct nitrate concentration measurements

Tara Forrest, Thomas Cherubini, Stéphane Jeanneret, Elena Zdrachek, Polyxeni Damala and Eric Bakker\*

