

# Environmental Science Processes & Impacts

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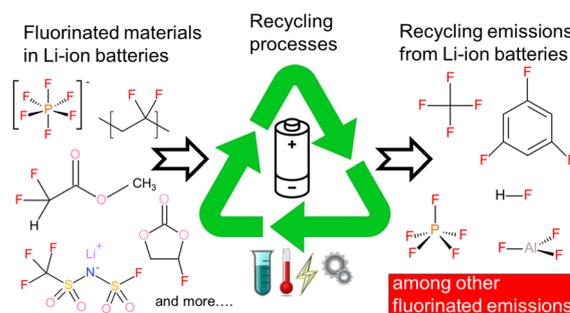
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## CRITICAL REVIEW

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

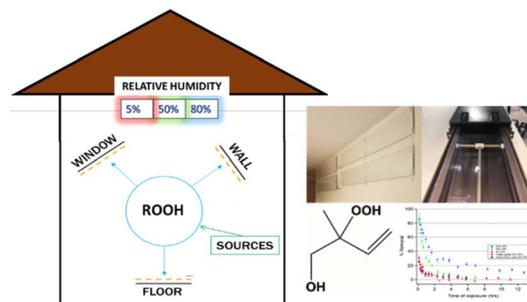


## PAPERS

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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

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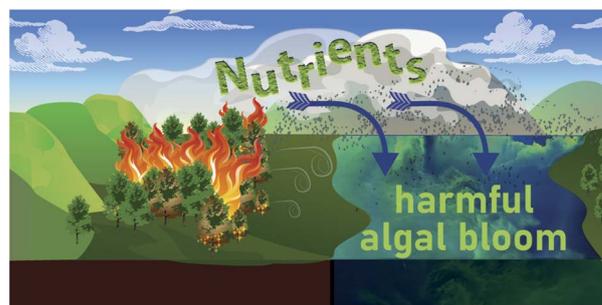
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### Wildfires in the western United States are mobilizing PM<sub>2.5</sub>-associated nutrients and may be contributing to downwind cyanobacteria blooms

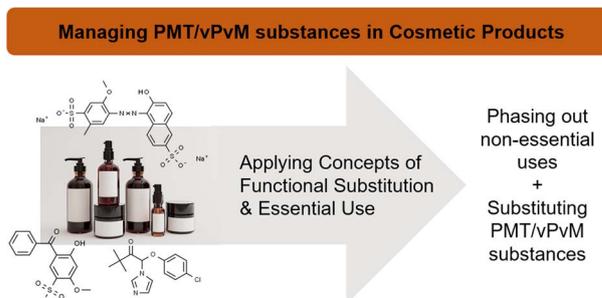
Nicole E. Olson,\* Katie L. Boaggio, R. Byron Rice, Kristen M. Foley and Stephen D. LeDuc



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

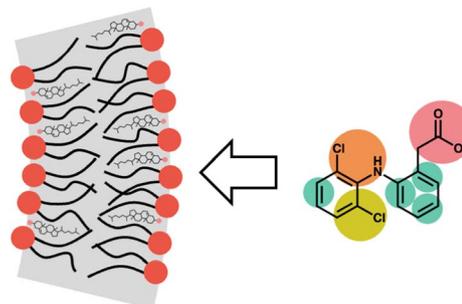
Joanke van Dijk,\* Romain Figuière, Stefan C. Dekker, Annemarie P. van Wezel and Ian T. Cousins



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

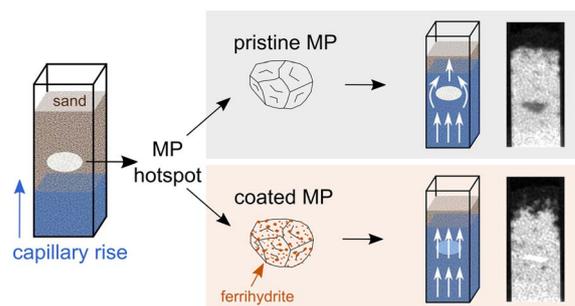
Thomas D. Potter, Nicola Haywood, Alexandre Teixeira, Geoff Hodges, Elin L. Barrett and Mark A. Miller\*



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### Ferrihydrite coating reduces microplastic induced soil water repellency

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



## PAPERS

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

Kate Jang and Ochan Otim\*

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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

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### 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\*

