

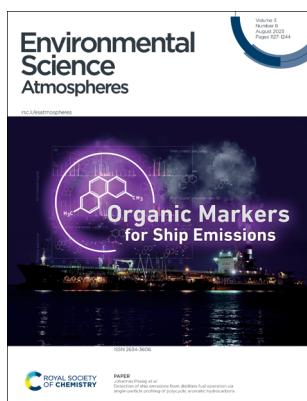
# Environmental Science: Atmospheres

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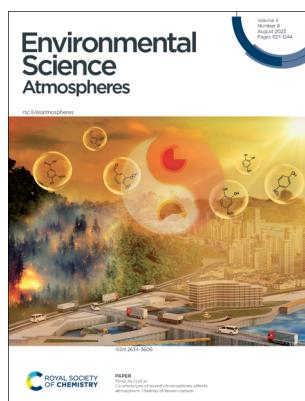
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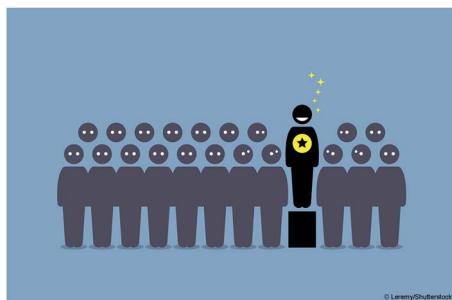
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**Detection of ship emissions from distillate fuel operation via single-particle profiling of polycyclic aromatic hydrocarbons**

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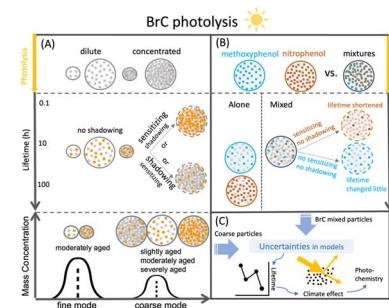


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## Co-photolysis of mixed chromophores affects atmospheric lifetimes of brown carbon

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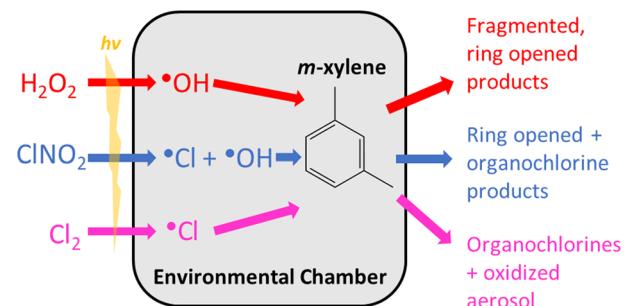
Khanh Do, Manasi Mahish, Arash Kashfi Yeganeh, Ziqi Gao, Charles L. Blanchard and Cesunica E. Ivey\*



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Nirvan Bhattacharyya, Mrinali Modi, Leif G. Jahn and Lea Hildebrandt Ruiz\*



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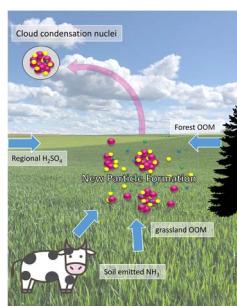
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William Berelson,\* Nick Rollins, Jinsol Kim, Emma Johnson, Esther Margulies, Naman Casas, Beau MacDonald and John Wilson



## PAPERS

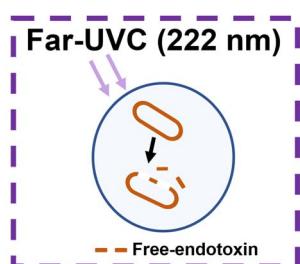
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Lubna Dada,\* Magdalena Okuljar, Jiali Shen, Miska Olin, Yusheng Wu, Laura Heimsch, Ilkka Herlin, Saara Kankaanrinta, Markus Lampimäki, Joni Kalliokoski, Rima Baalbaki, Annalea Lohila, Tuukka Petäjä, Miikka Dal Maso, Jonathan Duplissy, Veli-Matti Kerminen and Markku Kulmala\*

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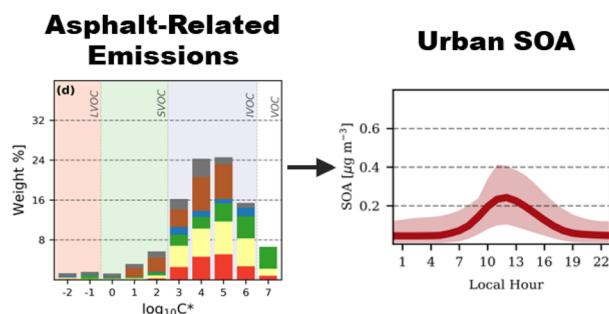


Negligible increase in indoor endotoxic risk

### Negligible increase in indoor endotoxin activity by 222 nm far-UVC illumination on bioaerosols

Zhancong Liang, Tim Yiu Cheung, Wing Lam Chan, Chee Kent Lim, Alvin. C. K. Lai, Patrick. K. H. Lee and Chak K. Chan\*

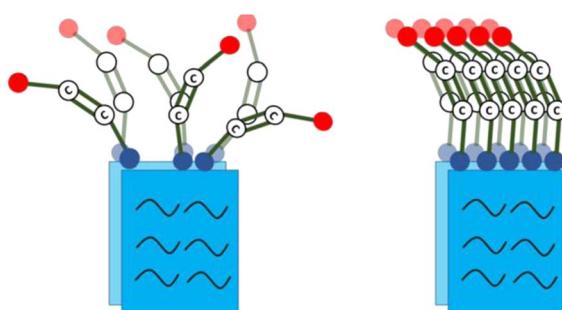
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### Anthropogenic secondary organic aerosol and ozone production from asphalt-related emissions

Karl M. Seltzer,\* Venkatesh Rao, Hava O. T. Pye, Benjamin N. Murphy, Bryan K. Place, Peeyush Khare, Drew R. Gentner, Christine Allen, David Cooley, Rich Mason and Marc Houyoux

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Aisling C. Stewart, Martin J. Paterson and Stuart J. Greaves\*

