

Environmental Science: Atmospheres

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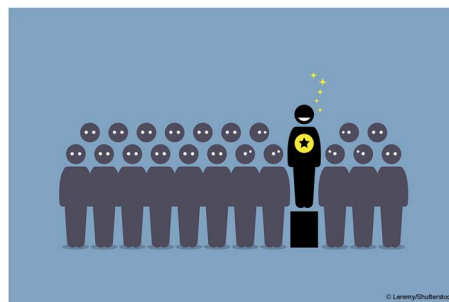
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Detection of ship emissions from distillate fuel operation *via* single-particle profiling of polycyclic aromatic hydrocarbons

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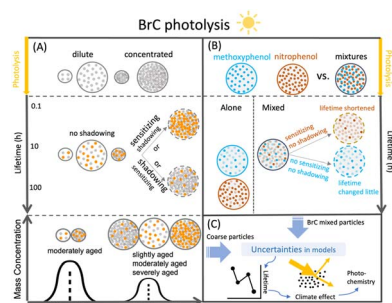
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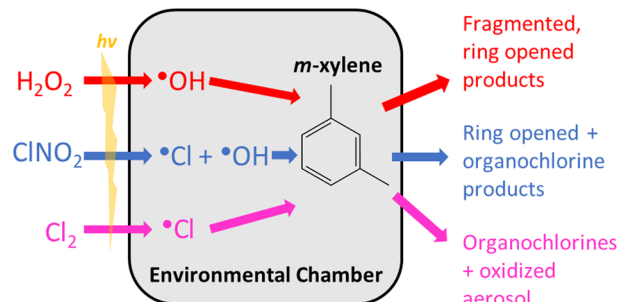
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Nirvan Bhattacharyya, Mrinali Modi, Leif G. Jahn and Lea Hildebrandt Ruiz*



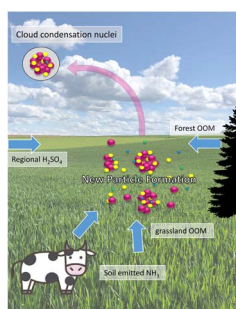
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A portable sensor for the determination of tree canopy air quality

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



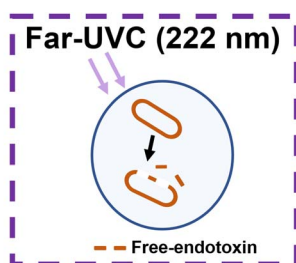
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The synergistic role of sulfuric acid, ammonia and organics in particle formation over an agricultural land

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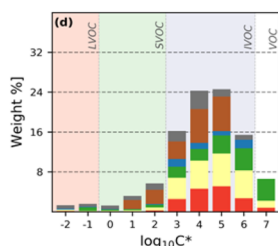
Negligible increase in indoor endotoxin activity by 222 nm far-UVC illumination on bioaerosols

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

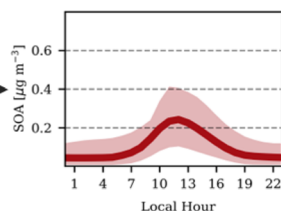
Negligible increase in indoor endotoxin risk

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Asphalt-Related Emissions



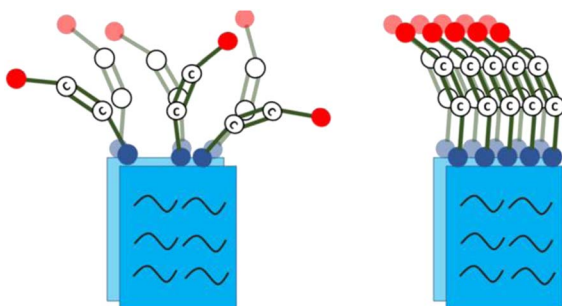
Urban SOA



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

Karl M. Seltzer,^{*} Venkatesh Rao, Havala 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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Surface functionality of sub- to full-monolayer organic coverage of water aerosols determined by molecular dynamics simulations

Aisling C. Stewart, Martin J. Paterson and Stuart J. Greaves^{*}

