

Environmental Science: Atmospheres

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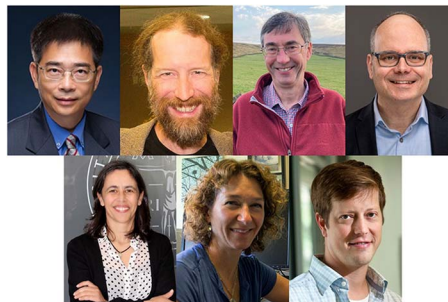
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EDITORIAL

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Best Papers from 2022 published in the *Environmental Science* journals of the Royal Society of Chemistry

Zongwei Cai, Neil Donahue, Kevin C. Jones, Kristopher McNeill, Célia Manaia, Paige J. Novak and Peter J. Vikesland

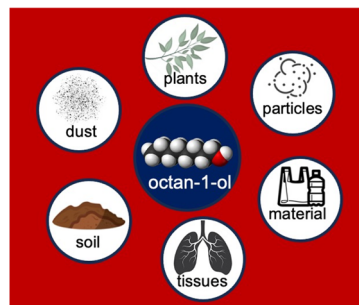


CRITICAL REVIEW

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Applications of the octanol–air partitioning ratio: a critical review

Sivani Baskaran and Frank Wania*



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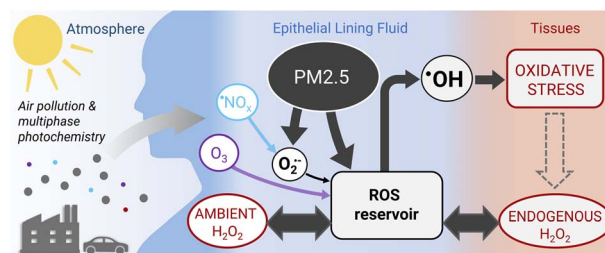


PAPERS

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Influence of ambient and endogenous H_2O_2 on reactive oxygen species concentrations and OH radical production in the respiratory tract

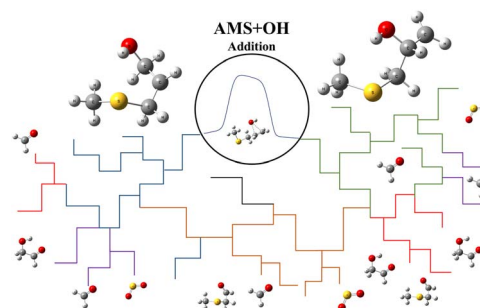
Eleni Dovrou,^{*} Steven Lelieveld, Ashmi Mishra, Ulrich Pöschl and Thomas Berkemeier^{*}



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Mechanistic study of the complex photooxidation of allyl methyl sulfide (AMS): reaction paths and products of addition under different atmospheric conditions

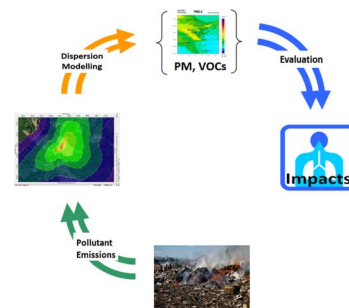
Alejandro L. Cardona, María B. Blanco, Mariano A. Teruel^{*} and Oscar N. Ventura^{*}



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Dispersion of PM and VOC pollutants from open burning of municipal solid wastes on host communities: emission inventory estimation and dispersion modelling study

Adewemimo Oluwakunmi Popoola,^{*} Lukuman Adekilekun Jimoda, Olusesan Abel Olu-Arotiowa, Oyetola Ogunkunle,^{*} Opeyeolu Timothy Laseinde, Sunday Adekunle Adebajo and Wuraola Abake Raji



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High-resolution maps of carbon dioxide and moisture fluxes over an urban neighborhood

Erik Velasco,^{*} Elvagrís Segovia and Matthias Roth

