Environmental Science Processes & Impacts

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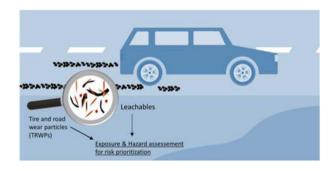
See John Thomas, Natarajan Chandrasekaran *et al.*, pp. 2233–2251. Image reproduced by permission of Dr. N. Chandrasekaran from *Environ. Sci.: Processes Impacts*, 2025, **27**, 2233.

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Kathrin Müller, Kenny Unice, Julie Panko, Benoît J. D. Ferrari, Florian Breider and Stephan Wagner*

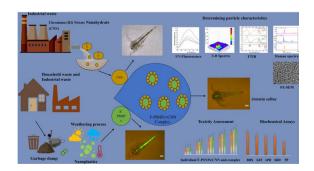


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Individual and combined toxicities of fluorescent polystyrene nanoplastics and chromium(III) nitrate nonahydrate in *Artemia salina*

Mahalakshmi Kamalakannan, John Thomas* and Natarajan Chandrasekaran*







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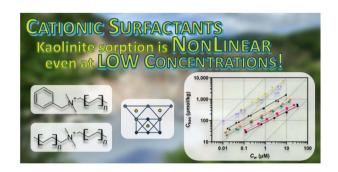
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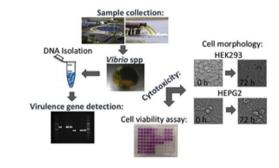
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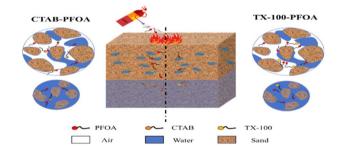
Virulence gene profiling and cytotoxicity of Vibrio spp. isolated from treated wastewater effluent and receiving surface waters in Durban, South Africa

Kerisha Ramessar and Ademola O. Olaniran*



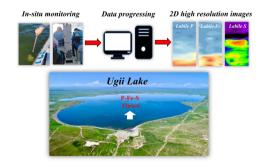
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Tianhui Ji, Xiaohui Jin, Yifan Ji, Ni Yan,* Zhilin Guo and Mark L. Brusseau

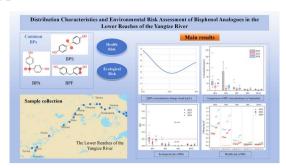


In situ high-resolution characterization of phosphorus-iron-sulfur dynamics across the sediment-water interface of a typical cold-arid lake (Ugii Lake, Mongolia)

Rui Wang, Xinyue Guo, Cheng Liu, Lei Zhang, Zhaode Wang, Batnyam Tseveengerel, Odsuren Batdelger, Narangerel Serdyanjiv and Chao Han*

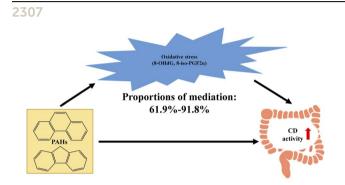


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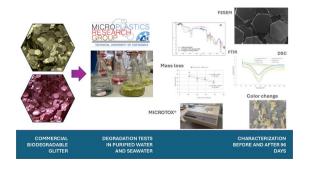
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✓ Electronic Structure
✓ Bonding Analysis

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Ryan L. Dempsey and Nikolas Kaltsoyannis*

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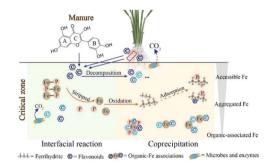
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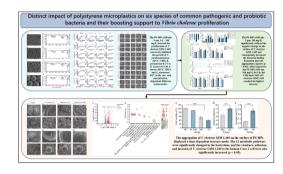
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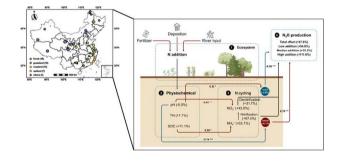
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Nitrification regulates the responses of soil nitrous oxide emissions to nitrogen addition in China: a meta-analysis from a gene perspective

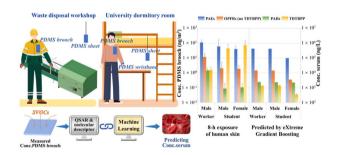
Zetao Dai, Yanglong Zhang, Yujie Li, Tao Xiang, Feifei Wang, Jiarui Peng, Shengchang Yang and Wenzhi Cao*



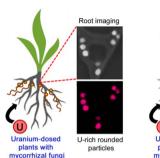
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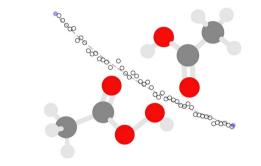
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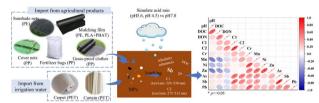
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Decay rate of gas-phase peracetic acid in a polyvinyl fluoride sample bag

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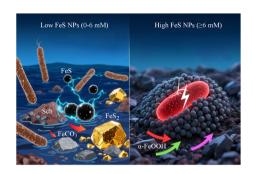
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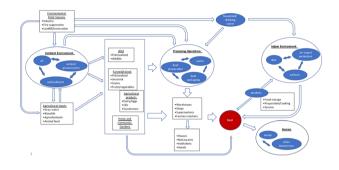
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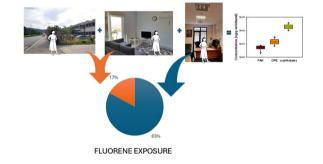
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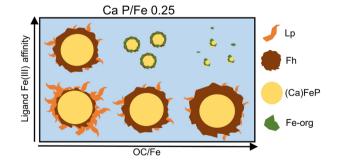
Zülfikar Akmermer and Hale Demirtepe*



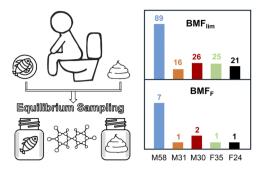
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Effects of organic ligands, phosphate and Ca on the structure and composition of Fe(III)-precipitates formed by Fe(II) oxidation at near-neutral pH

Ville V. Nenonen, Ralf Kaegi, Stephan J. Hug, Jörg Luster, Jörg Göttlicher, Stefan Mangold, Lenny H. E. Winkel and Andreas Voegelin*



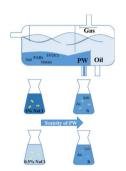
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Do human individuals differ in their potential for lipophilic contaminant biomagnification?

Yuhao Chen, Terrence H. Bell, Ying Duan Lei and Frank Wania*

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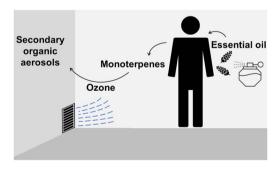
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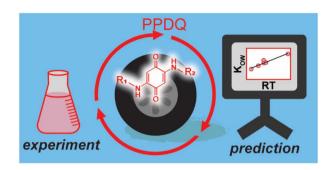


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Physicochemical properties of tire-derived paraphenylenediamine quinones - a comparison of experimental and computational approaches

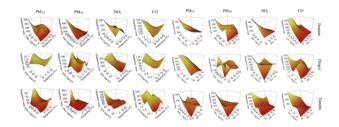
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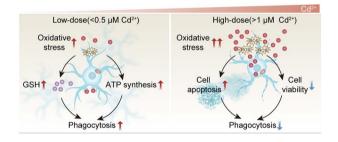
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Urine volatile organic compounds in predicting chronic obstructive pulmonary disease risk in a national observational study

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