

Environmental Science Processes & Impacts

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ISSN 2050-7887 CODEN ESPICZ 26(5) 795–958 (2024)



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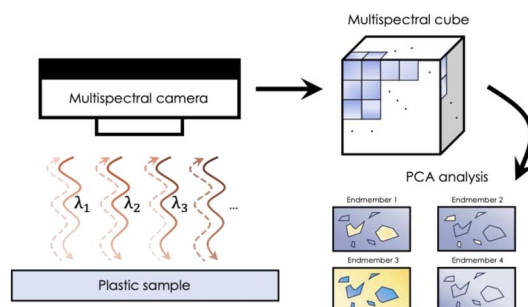
Inside cover
See Philip T. Gidley *et al.*, pp. 814–823. Image reproduced by permission of Philip T. Gidley from *Environ. Sci.: Processes Impacts*, 2024, 26, 814. Cover art design by: Alvin Foster – Information Technology Laboratory. Photography by: Carlos E. Ruiz – Environmental Laboratory.

PAPERS

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Identification of spectral responses of different plastic materials by means of multispectral imaging

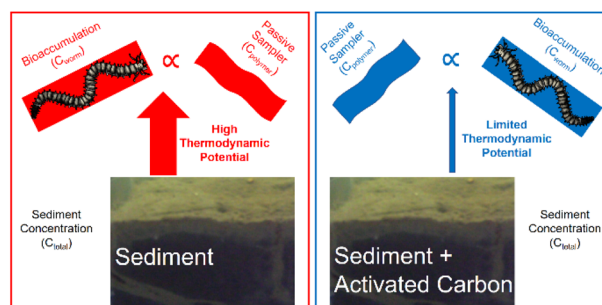
Giovanni Bragato, Giovanni Piccolo, Gabriele Sattier and Cinzia Sada*



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Philip T. Gidley,* Guilherme R. Lotufo, Stine N. Schmidt, Philipp Mayer and Robert M. Burgess



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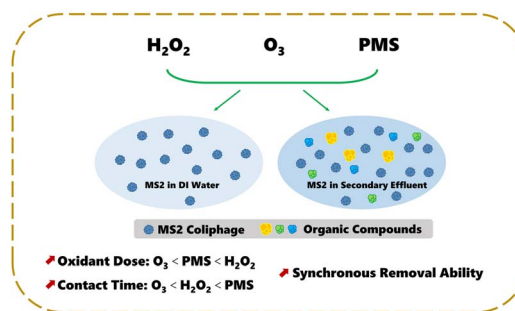
Fundamental questions
Elemental answers



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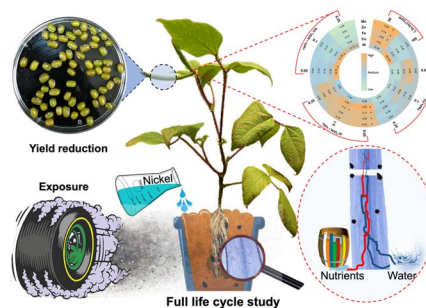
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Co-exposure to tire wear particles and nickel inhibits mung bean yield by reducing nutrient uptake

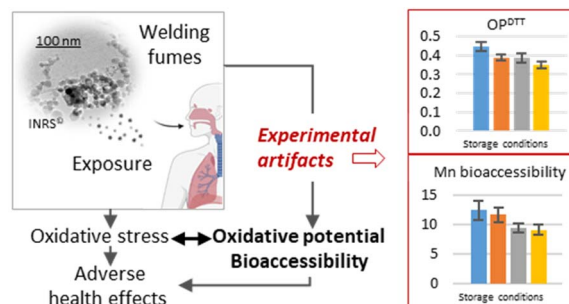
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Experimental factors influencing the bioaccessibility and the oxidative potential of transition metals from welding fumes

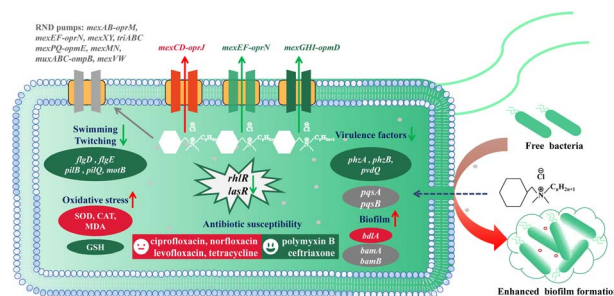
Manuella Ghanem, Laurent Y. Alleman, Davy Rousset,* Esperanza Perdrix and Patrice Coddeville



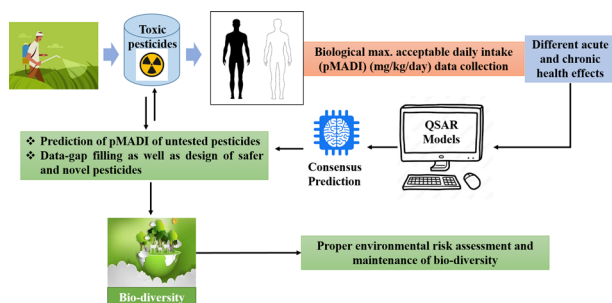
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Co-culture of benzalkonium chloride promotes the biofilm formation and decreases the antibiotic susceptibility of a *Pseudomonas aeruginosa* strain

Caihong Wang, Qiao Ma,* Jiaxin Zhang, Nan Meng and Dan Xu



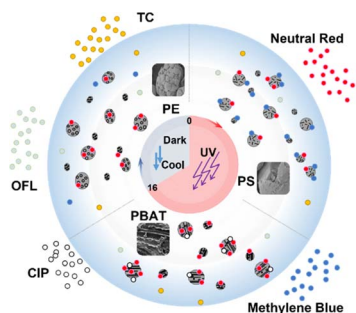
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The first report on the assessment of maximum acceptable daily intake (MADI) of pesticides for humans using intelligent consensus predictions

Ankur Kumar, Probir Kumar Ojha* and Kunal Roy*

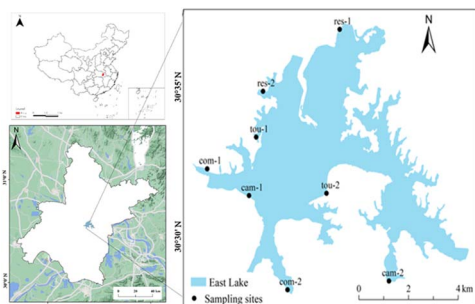
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Characteristics and adsorption behavior of typical microplastics in long-term accelerated weathering simulation

Fei Yu, Qiyu Qin, Xiaochen Zhang and Jie Ma*

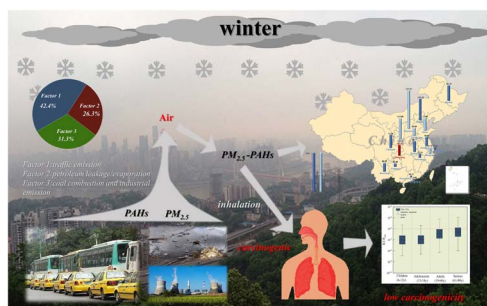
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Yan Jiang, Yinuo Yang, Chenxi Zhan and Bo Cheng*

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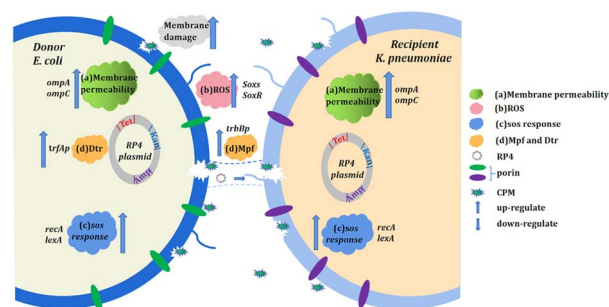
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Carbonaceous particulate matter promotes the horizontal transfer of antibiotic resistance genes

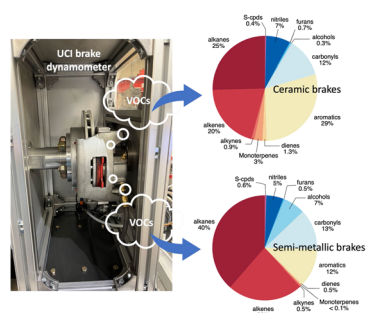
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V. Mangal*, W. Y. Lam, E. J. S. Emilson, R. W. Mackereth and C. P. J. Mitchell*

