

# Environmental Science Processes & Impacts

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



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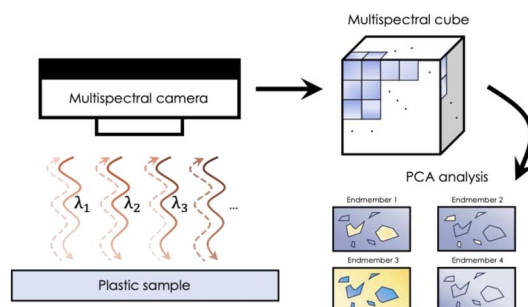
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## PAPERS

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

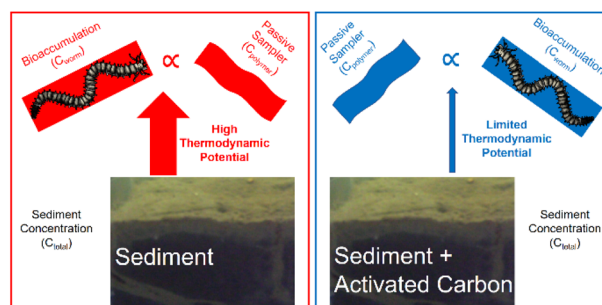
Giovanni Bragato, Giovanni Piccolo, Gabriele Sattier and Cinzia Sada\*



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



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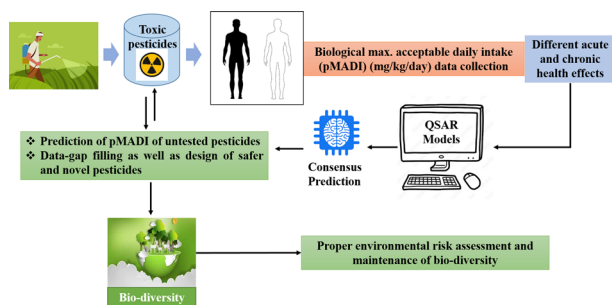
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Fundamental questions  
Elemental answers





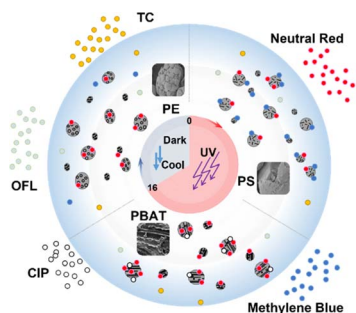
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## The first report on the assessment of maximum acceptable daily intake (MADI) of pesticides for humans using intelligent consensus predictions

Ankur Kumar, Probir Kumar Ojha\* and Kunal Roy\*

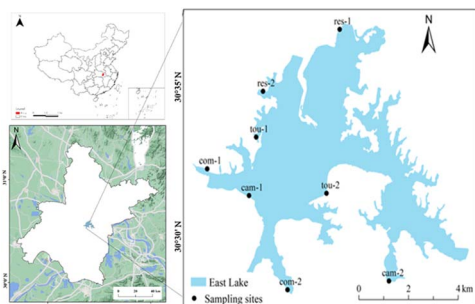
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## Characteristics and adsorption behavior of typical microplastics in long-term accelerated weathering simulation

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

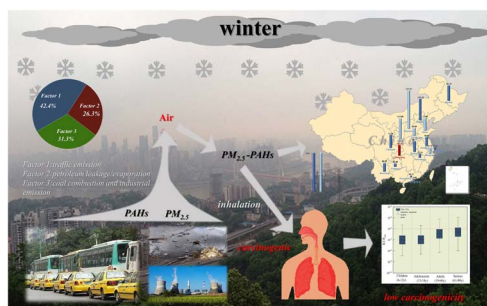
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## Impacts of rainfall and lakeshore soil properties on microplastics in inland freshwater: A case study in Donghu Lake, China

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

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## Probing the occurrence, sources and cancer risk assessment of polycyclic aromatic hydrocarbons in $PM_{2.5}$ in a humid metropolitan city in China

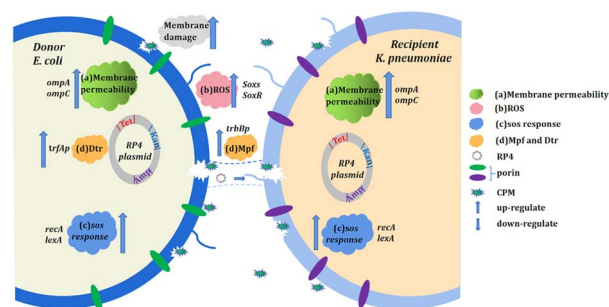
Decai Liu, Xingquan Li, Jiaxin Liu, Fengwen Wang,\* Yan Leng, Zhenliang Li, Peili Lu and Neil L. Rose



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## Carbonaceous particulate matter promotes the horizontal transfer of antibiotic resistance genes

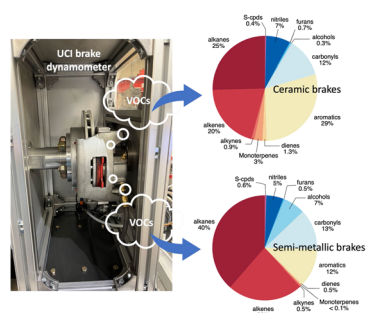
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## The molecular diversity of dissolved organic matter in forest streams across central Canadian boreal watersheds

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

