

Environmental Science Processes & Impacts

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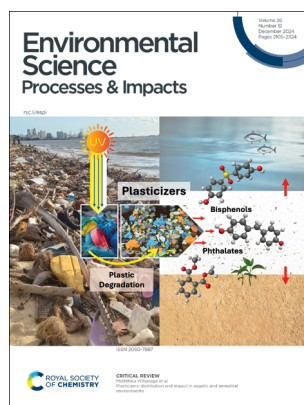
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See Bárbara Rani-Borges *et al.*, pp. 2132–2144. Image reproduced by permission of Bárbara Rani Borges and Rômulo Augusto Ando from *Environ. Sci.: Processes Impacts*, 2024, 26, 2132.



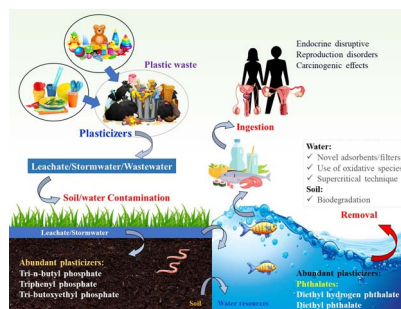
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See Meththika Vithanage *et al.*, pp. 2114–2131. Image reproduced by permission of Meththika Vithanage from *Environ. Sci.: Processes Impacts*, 2024, 26, 2114.

CRITICAL REVIEW

2114

Plasticizers: distribution and impact in aquatic and terrestrial environments

Danushika C. Manatunga, Madushika Sewwandi, Kalani Imalka Perera, Methmini Dilhara Jayarathna, Dinusha L. Peramune, Rohan S. Dassanayake, Sammani Ramanayaka and Meththika Vithanage*

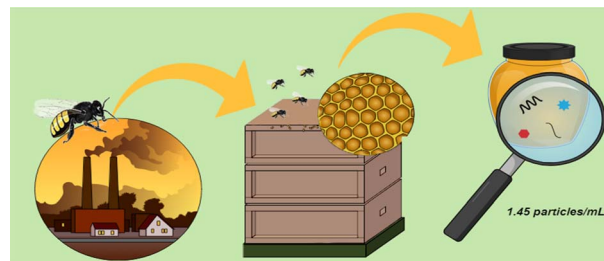


PAPERS

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More than just sweet: current insights into microplastics in honey products and a case study of *Melipona quadrifasciata* honey

Bárbara Rani-Borges,* Mariana Victorino Nicolosi Arena, Ingrid Naiara Gomes, Luis Henrique França de Carvalho Lins, Livia de Souza Camargo Cestaro, Marcelo Pompêo, Rômulo Augusto Ando, Isabel Alves-dos-Santos, Rogério Hartung Toppa, Marcos Roberto Martines and Lucas Gonçalves Queiroz



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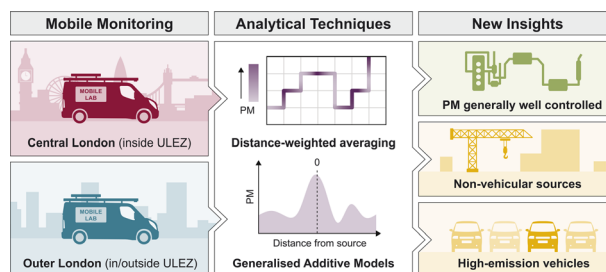
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Fundamental questions
Elemental answers

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Mobile monitoring reveals the importance of non-vehicular particulate matter sources in London

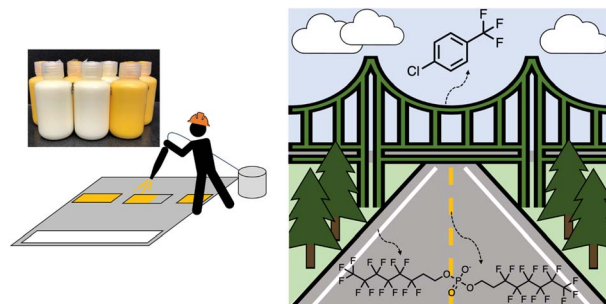
Samuel Wilson,* Naomi J. Farren, Shona E. Wilde, Rebecca L. Wagner, James D. Lee, Lauren E. Padilla, Greg Slater, Daniel Peters and David. C. Carslaw



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Fluorinated aromatic PBCTF and 6:2 diPAP in bridge and traffic paints

Mitchell L. Kim-Fu, Ansel R. Moll, Esteban E. Hernandez, Boris Droz, Thierry N. J. Fouquet and Jennifer Field*



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Assessment of the cytotoxicity micro- and nano-plastic on human intestinal Caco-2 cells and the protective effects of catechin

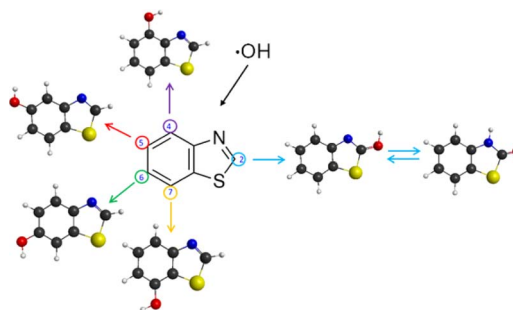
Xiaoxia Wang, Zhongneng Yang, Xiao-Min Ren,* Zhenghuan Zhang, Huan He and Xuejun Pan*



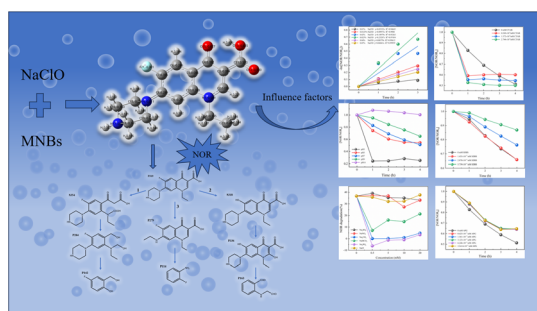
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Experimental and theoretical investigation of benzothiazole oxidation by OH in air and the role of O₂

Natalia V. Karimova, Weihong Wang, R. Benny Gerber* and Barbara J. Finlayson-Pitts*



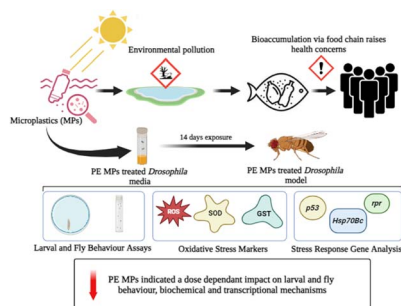
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Degradation of norfloxacin by the synergistic effect of micro–nano bubbles and sodium hypochlorite: kinetics, influencing factors and pathways

Guijuan Li, Yan Cheng, Mengyao Jing, Dan Zhang, Yufei Ma and Shengke Yang*

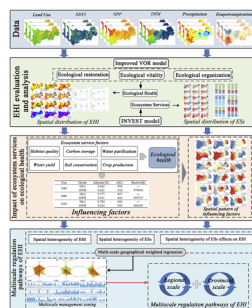
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Polyethylene microplastics affect behavioural, oxidative stress, and molecular responses in the *Drosophila* model

Himanshu Ranjan, Swetha Senthil Kumar, Sharine Priscilla, Subhashini Swaminathan, Masakazu Umezawa* and Sahabudeen Sheik Mohideen*

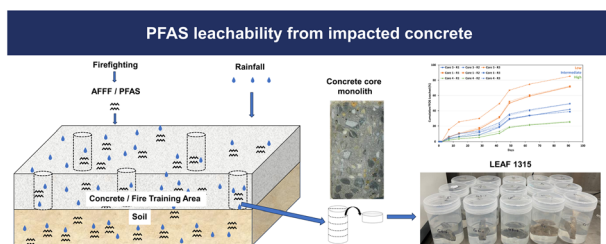
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How do ecosystem service functions affect ecological health? Evidence from the Yangtze River Economic Belt in China

Wei Wang,* Jun Yang, Guishan Yang, Chao Wu and Jie Yu

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Leachability of per- and poly-fluoroalkyl substances from contaminated concrete

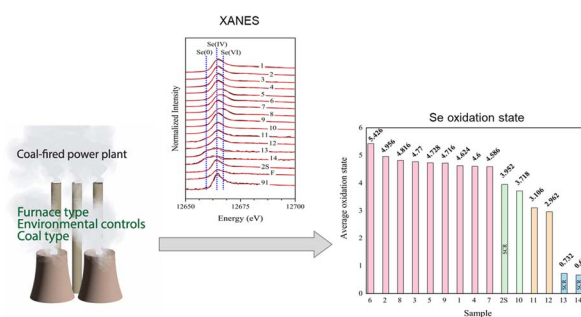
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Systematic characterization of selenium speciation in coal fly ash

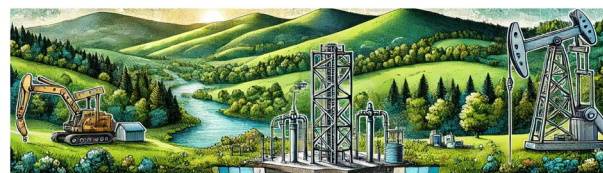
Estefania Garcia, Pan Liu, Sharon E. Bone, Yinghao Wen and Yuanzhi Tang*



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Domestic groundwater wells in Appalachia show evidence of low-dose, complex mixtures of legacy pollutants

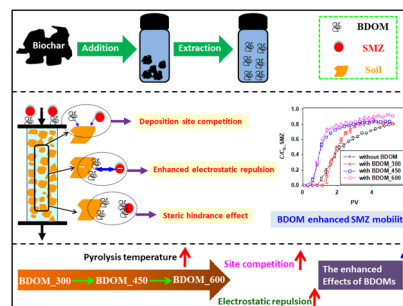
Nicolette A. Bugher,* Boya Xiong, Runako I. Gentles, Lukas D. Glist, Helen G. Siegel, Nicholas P. Johnson, Cassandra J. Clark, Nicole C. Deziel, James E. Saiers and Desiree L. Plata*



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Mobility of biochar-derived dissolved organic matter and its effects on sulfamerazine transport through saturated soil porous media

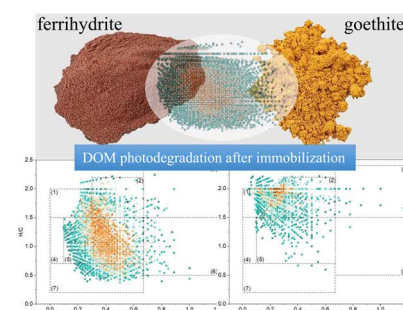
Mengya Liu, Xiaochen Liu, Yalu Hu, Qiang Zhang, Usman Farooq, Zhichong Qi* and Laotao Lu*



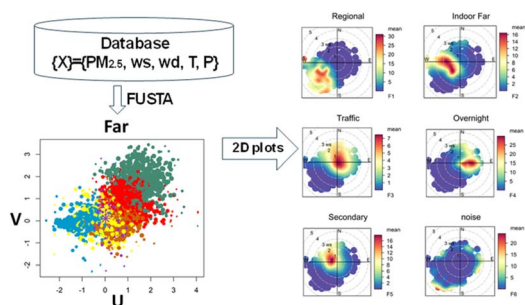
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Molecular-scale investigation on the photochemical transformation of dissolved organic matter after immobilization by iron minerals with FT-ICR MS

Yongcan Jiang, Yi Wang, Yinlong Shao, Dong Yang, Minli Guo, Yu Wen, Hong Tang and Guanglong Liu*



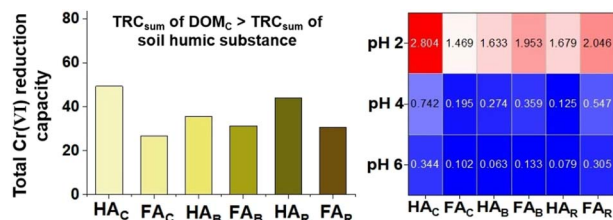
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A methodology for estimating indoor sources contributing to PM_{2.5}

Shiva Nourani, Ana María Villalobos and Héctor Jorquera*

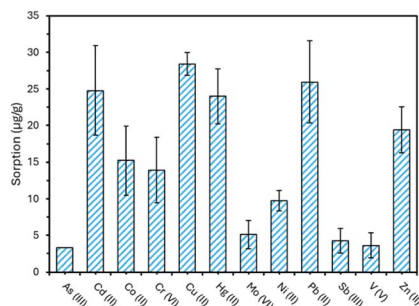
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Reduction of hexavalent chromium by compost-derived dissolved organic matter

Chuanghe Miao, Hui Rong, Xiaoqing Wei, Jianying Shang, Hu Zhou* and Yizhong Lv*

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Sorption of metal ions onto PET-derived microplastic fibres

H. Frost, T. Bond, T. Sizmur and M. Felipe-Sotelo*

CORRECTIONS

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Correction: How do ecosystem service functions affect ecological health? Evidence from the Yangtze River Economic Belt in China

Wei Wang,* Jun Yang, Guishan Yang, Chao Wu and Jie Yu



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Correction: Exploring the variability of PFAS in urban sewage: a comparison of emissions in commercial *versus* municipal urban areas

N. Krlovic,* E. Saracevic, J. Derx, C. Gundacker, J. Krampe, N. Kreuzinger, M. Zessner and O. Zoboli

