

Environmental Science: Advances

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ISSN 2754-7000 CODEN ESANEB 3(5) 613–790 (2024)



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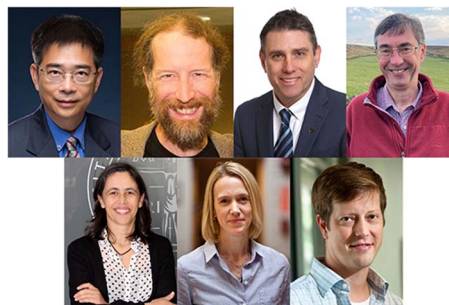
Inside cover
See Kunal Roy *et al.*, pp. 686–705. Image reproduced by permission of Kunal Roy from *Environ. Sci.: Adv.*, 2024, 3, 686.

EDITORIAL

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2023 Outstanding Papers published in the *Environmental Science* journals of the Royal Society of Chemistry

Zongwei Cai, Neil Donahue, Graham Gagnon, Kevin C. Jones, Célia Manaia, Elsie Sunderland and Peter J. Vikesland

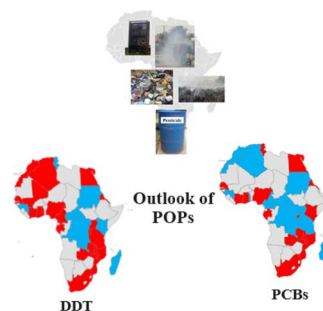


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Implementation of the Stockholm Convention on persistent organic pollutants (POPs) in Africa – progress, challenges, and recommendations after 20 years

Olumide Emmanuel Akinrinade,* Foluso O. Agunbiade, Rose Alani and Olusegun O. Ayejuyo



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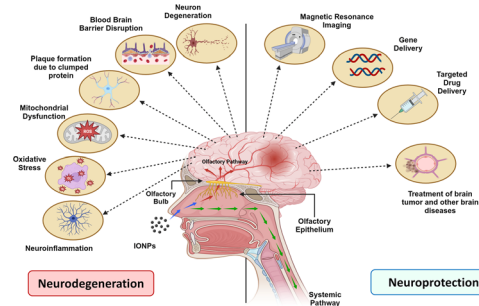
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Iron oxide nanoparticles: a narrative review of in-depth analysis from neuroprotection to neurodegeneration

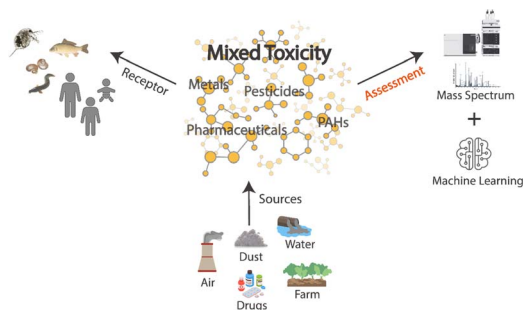
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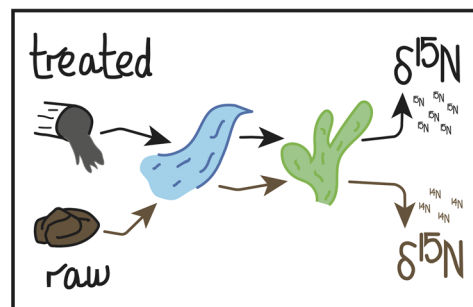
Yu Cheng, Jue Ding, Catherine Estefany Davila Arenas, Markus Brinkmann* and Xiaowen Ji



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Nitrogen isotopes in herbaria document historical nitrogen sewage pollution in the Mersey Estuary, England

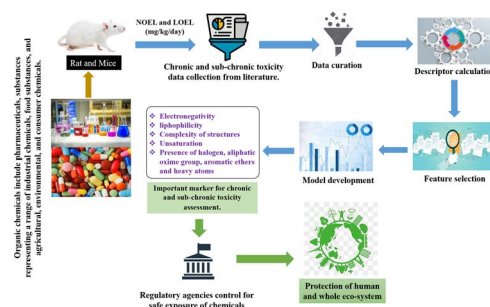
Freya C. Alldred,* Darren R. Gröcke,* Samuel E. Jackson and Geraldine Reid



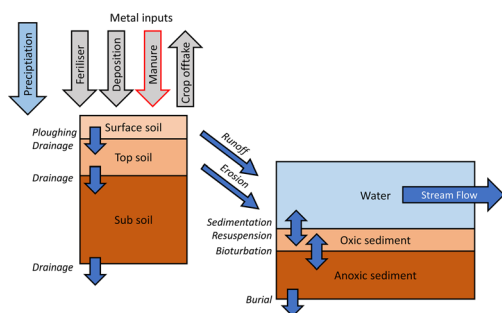
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Chemometric modeling of the lowest observed effect level (LOEL) and no observed effect level (NOEL) for rat toxicity

Ankur Kumar, Probir Kumar Ojha and Kunal Roy*



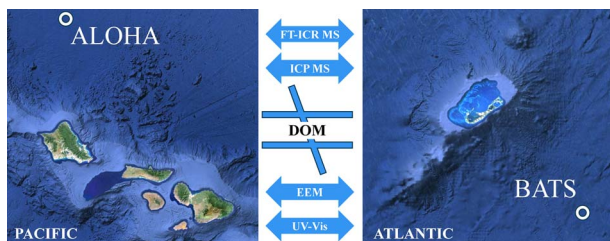
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Environmental risk assessment of the use of zinc oxide medicated feeds for weaning piglets in the UK

Adam Peters,* Graham Merrington, Ken Stapleton and Stephen Lofts

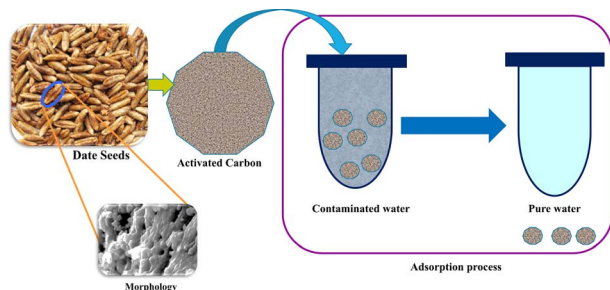
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Michael Gonsior,* Madeline Lahm, Leanne Powers, Feng Chen, S. Leigh McCallister, Dong Liang, Grace Guinan and Philippe Schmitt-Kopplin

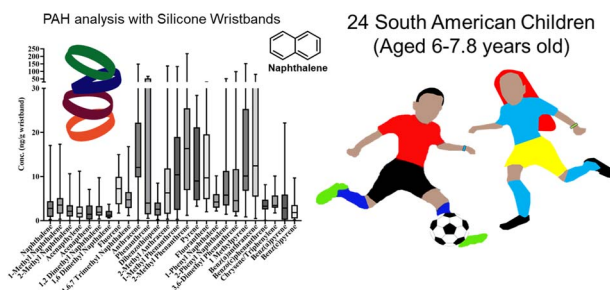
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Industrial biomass waste as an economical, potential adsorbent for removing the Bismarck Brown R dye and zinc metal ions from effluents

Sivamani Sivalingam* and Sowmiya A.

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Polycyclic aromatic hydrocarbons in silicone wristbands of Uruguayan children: measurement and exposure source exploration

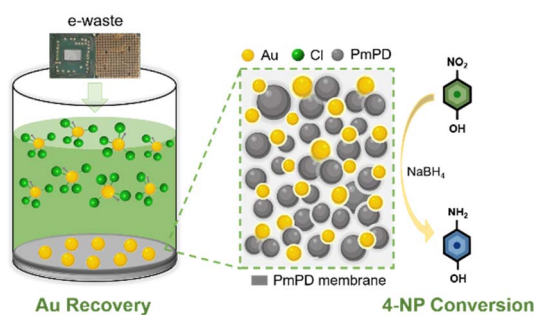
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Youmei Xu, Yuchao Chen, Mengxia Wang, Yufei Shu, Siyu Cao and Zhongying Wang*



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Adil O. S. Bahathiq, Ahmad O. Babalghith, Alaa S. Amin* and Abdelrazek M. Askar

