

Environmental Science Processes & Impacts

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ISSN 2050-7887 CODEN ESPICZ 25(11) 1735–1852 (2023)



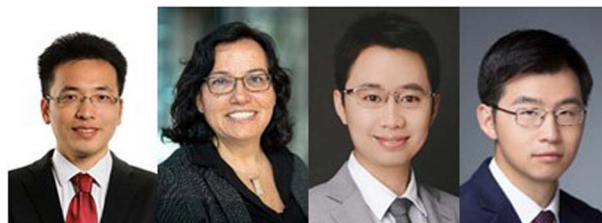
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EDITORIAL

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Introduction to the “Tracking complex mixtures of chemicals in human- and eco-exposome: the nexus of models, analytics, and toxicity” themed issue

Mingliang Fang, Li Li, Zhenyu Tian and Beate Escher

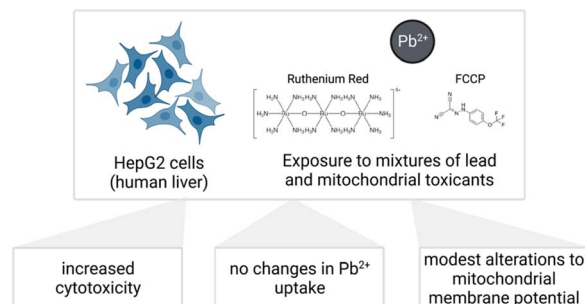


COMMUNICATIONS

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Increased cytotoxicity of Pb^{2+} with co-exposures to a mitochondrial uncoupler and mitochondrial calcium uniporter inhibitor

Pooja Lalwani, Dillon E. King, Katherine S. Morton, Nelson A. Rivera, Jr, Javier Huayta, Heileen Hsu-Kim and Joel N. Meyer*



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Environmental Science: Processes & Impacts (electronic: ISSN 2050-7895) is published 12 times a year by the Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, UK CB4 0WF.

All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry Order Department, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK
Tel +44 (0)1223 432398; E-mail orders@rsc.org

2023 Annual electronic subscription price: £1839 US\$3301. Customers in Canada will be subject to a surcharge to cover GST. Customers in the EU subscribing to the electronic version only will be charged VAT.

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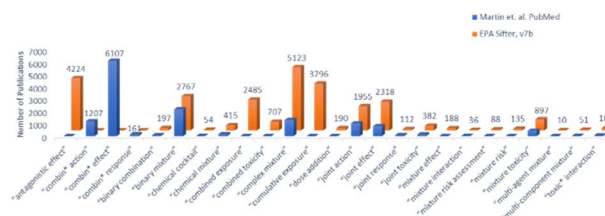


COMMUNICATIONS

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Evaluation of mixture toxicity literature and chemical space: a data centric approach

Vatsal Mehta, Mahmoud Shobair and Catherine Mahony*

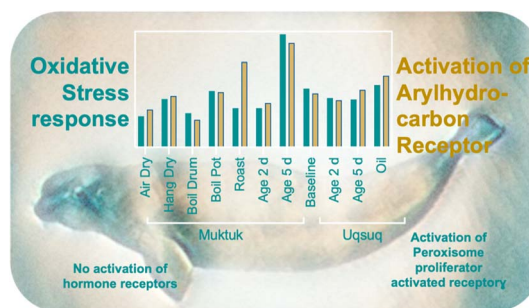


PAPERS

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Mixture effect assessment applying *in vitro* bioassays to in-tissue silicone extracts of traditional foods prepared from beluga whale blubber

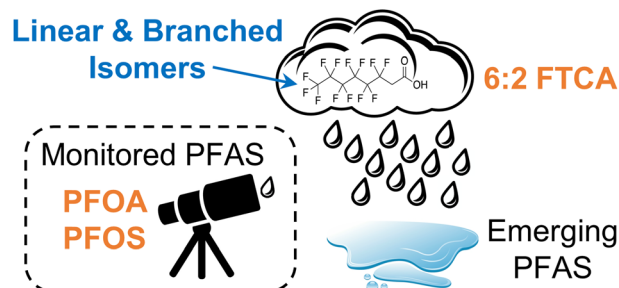
Beate I. Escher,* Matthew J. Binnington, Maria König, Ying D. Lei and Frank Wania*



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Non-targeted identification and semi-quantitation of emerging per- and polyfluoroalkyl substances (PFAS) in US rainwater

Yubin Kim, Kyndal A. Pike, Rebekah Gray, Jameson W. Sprankle, Jennifer A. Faust and Paul L. Edmiston*



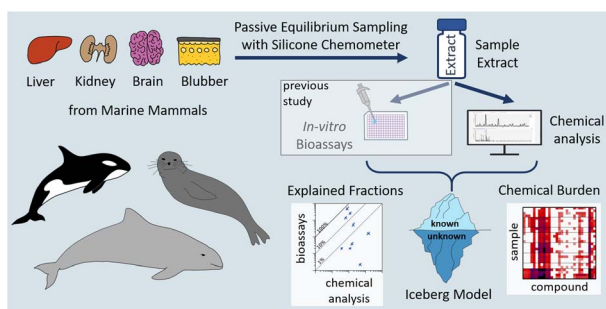
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Adding open spectral data to MassBank and PubChem using open source tools to support non-targeted exposomics of mixtures

Anjana Elapavalore,* Todor Kondić, Randolph R. Singh, Benjamin A. Shoemaker, Paul A. Thiessen, Jian Zhang, Evan E. Bolton and Emma L. Schymanski*



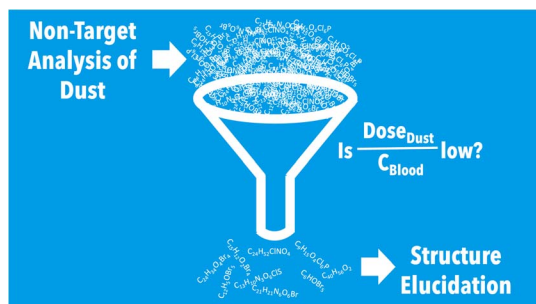
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Characterizing the marine mammal exposome by iceberg modeling, linking chemical analysis and *in vitro* bioassays

Eva B. Reiter,^{*} Beate I. Escher, Elisa Rojo-Nieto, Hannah Nolte, Ursula Siebert and Annika Jahnke^{*}

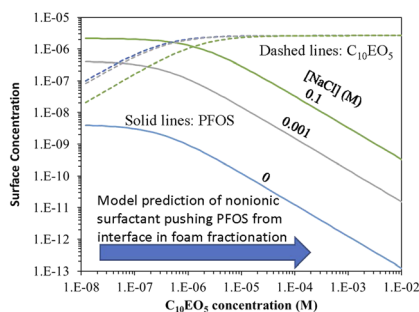
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Prioritizing molecular formulae identified by non-target analysis through high-throughput modelling: application to identify compounds with high human accumulation potential from house dust

Zhizhen Zhang, Li Li, Hui Peng and Frank Wania^{*}

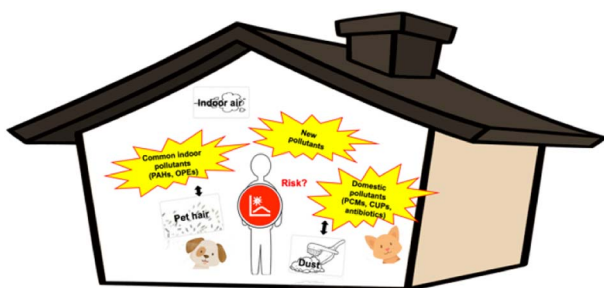
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A fundamental model for calculating interfacial adsorption of complex ionic and nonionic PFAS mixtures in the presence of mixed salts

Yi Gao, Song-Thao Le, Tohren C. G. Kibbey, William Glamore and Denis M. O'Carroll^{*}

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Occurrence of emerging contaminants in pet hair and indoor air: integrative health risk assessment using multiple ToxCast endpoints

Ying Zhang, Yujun Tong, Fei Cheng,^{*} Jingwen Shi, Jiehui Huang, Minqi Yu and Jing You

