Environmental Science: Advances

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TUTORIAL REVIEW

PERSPECTIVE

Environmental Science: Advances

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ROYAL SOCIETY OF CHEMISTRY

CRITICAL REVIEWS

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Remediation and recycling of inorganic acids and their green alternatives for sustainable industrial chemical processes

Chhavi Agarwal* and Ashok K. Pandey*
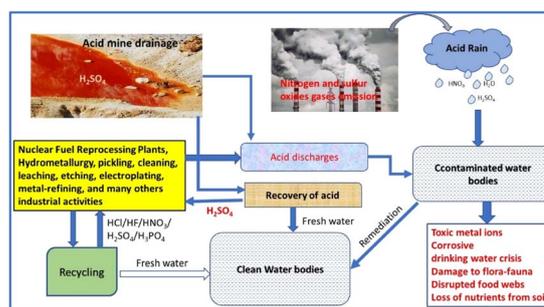
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Application of a differential technique in laser-induced fluorimetry/pulsed LED-fluorimetry: simple and reliable analysis of uranium raw materials in the nuclear fuel cycle – a mini-review

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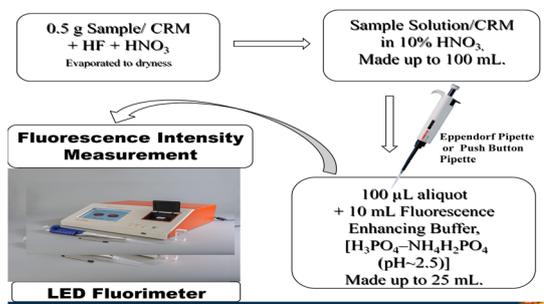
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Development and application of a sensitive feeding assay for daphnids based on the ingestion of fluorescent microparticles

Maria Giannouli, Konstantinos Panagiotidis, Keith D. Rochfort and Konstantinos Grintzalis*
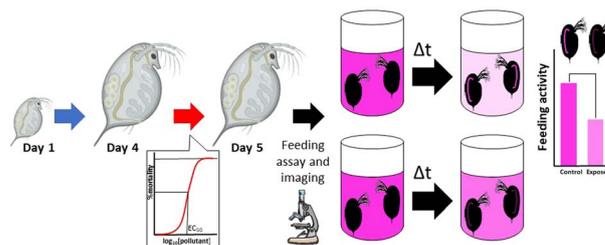
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Layer-wise physicochemical and elemental distribution in an urban river water, Bangladesh: potential pollution, sources, and human health risk assessment

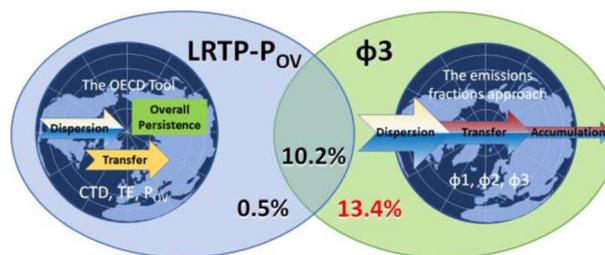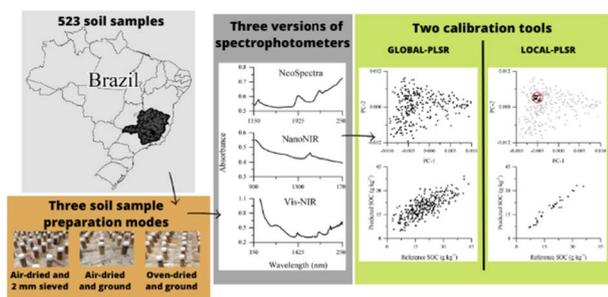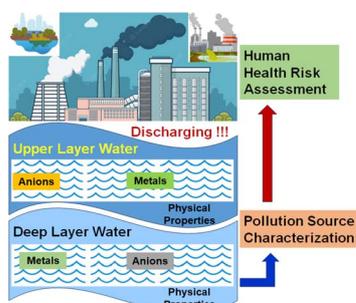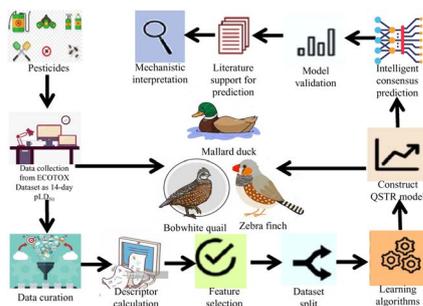Tapos Kormoker,* Md. Saiful Islam,* Md. Abu Bakar Siddique, Sazal Kumar, Khamphe Phoungthong, Md Humayun Kabir, Kazi Farhed Iqubal, Rakesh Kumar, Mir Mohammad Ali and Abu Reza Md. Towfiqul Islam

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Exploring regression-based QSTR and i-QSTR modeling for ecotoxicity prediction of diverse pesticides on multiple avian species

Trina Podder, Ankur Kumar, Arnab Bhattacharjee and Probir Kumar Ojha*

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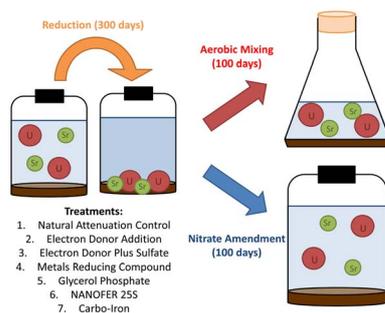
In situ (bio)remediation treatment options for U and Sr contaminated land: a comparison of radionuclide retention and remobilisation

Gianni F. Vettese,* Katherine Morris, Matthew White-Pettigrew, Luke T. Townsend, Samuel Shaw, Christopher Boothman and Jonathan R. Lloyd*

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Levels of per- and polyfluoroalkyl substances (PFAS) in various wastewater-derived fertilizers – analytical investigations from different perspectives
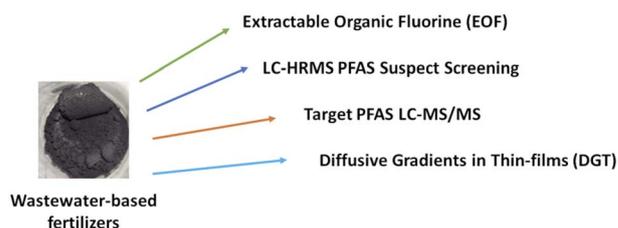
Christian Vogel,* Philipp Roesch, Philipp Wittwer, Christian Piechotta, Jan Lisec, Thomas Sommerfeld, Stephanie Kluge, Hannes Herzel, Thomas Huthwelker, Camelia Borca and Franz-Georg Simon

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Ensemble hybrid machine learning to simulate dye/divalent salt fractionation using a loose nanofiltration membrane

Nadeem Baig, S. I. Abba,* Jamilu Usman, Mohammed Benaafi and Isam H. Aljundi