Environmental Science Water Research & Technology

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IN THIS ISSUE

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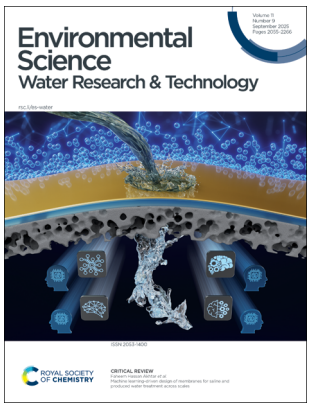

Cover
See Faheem Hassan Akhtar *et al.*, pp. 2080–2099.
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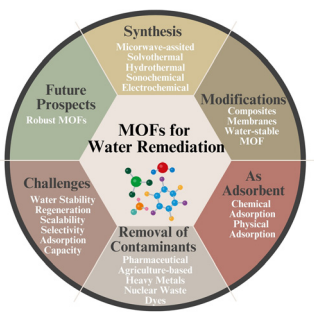
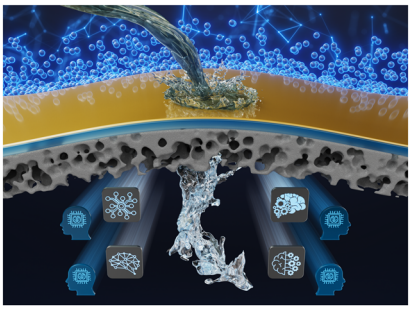
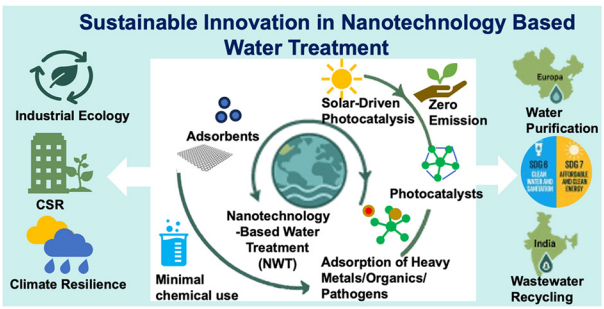
EDITORIAL

PERSPECTIVE

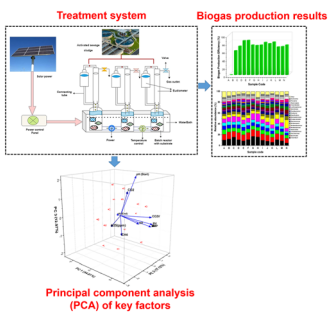


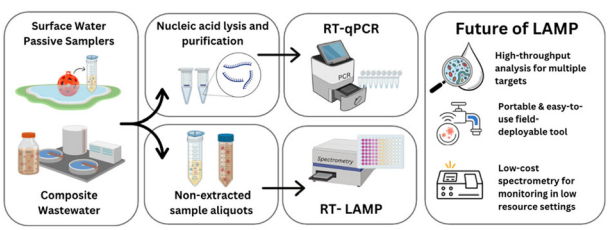
CRITICAL REVIEWS





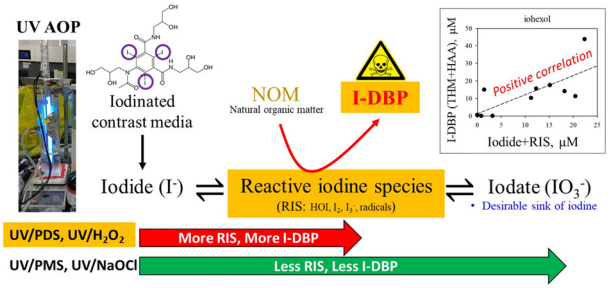
PAPERS





PAPERS

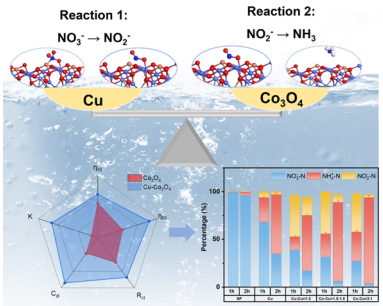
2152



Formation dynamics of inorganic iodine species during UV-based advanced oxidation of iopamidol and iohexol and their correlation with iodinated disinfection by-product yields

Hojoong Ji, Jaehyeong Park, Seonyoung An, Seo-Yeong Choi and Jong Kwon Choe*

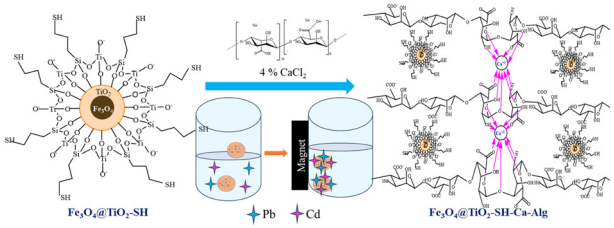
2161



Fabrication of dual-sited Cu doped Co_3O_4 on nickel foam (Cu–Co_3O_4/NF) for segmentally efficient electrochemical nitrate reduction under low conductivity

Xueqi Tao, Shuaishuai Man, Qun Yan,* Athanasia Tekerlekopoulou, Dimitris V. Vayenas and Bin Huang

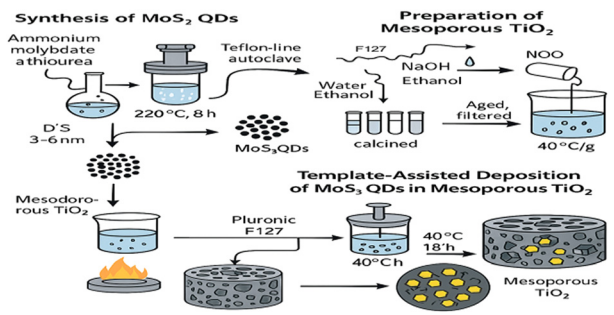
2174



An innovative approach towards the selective recovery of Pb(II) and Cd(II): thiol-functionalized TiO_2-based magnetic core–shell nanoparticle-loaded hydrogel

Purbali Das, Hirakendu Basu,* Brindaban Modak, Ranita Basu, Sudeshna Saha, Shweta Singh and Chandra Nath Patra

2192



Nanoconfined MoS_2 quantum dots in mesoporous TiO_2: a high-performance platform for electrochemical microplastic sensing

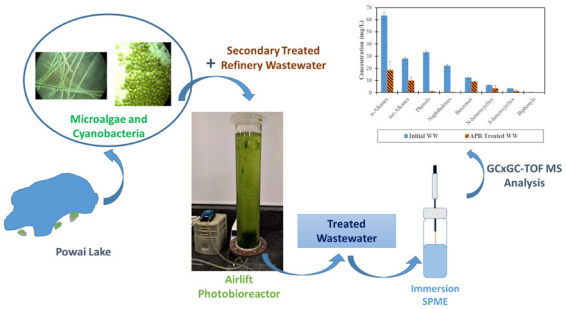
Rima Heider Al Omari, Shelesh Krishna Saraswat, Abhinav Kumar, Subbulakshmi Ganesan, Shaker Mohammed, Aashna Sinha, Hadi Noorizadeh* and Mosstafa Kazemi

PAPERS

2211

Assessment of reactor hydrodynamics and treatment effectiveness of secondary treated refinery wastewater in an airlift photobioreactor

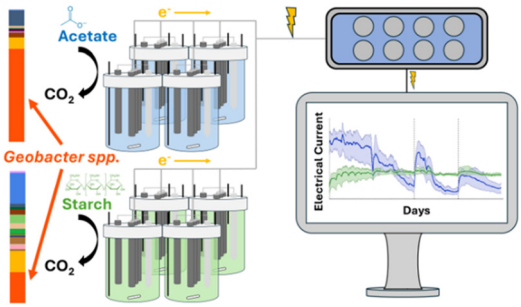
Prashant Sinha and Suparna Mukherji*



2227

Investigating substrate impact on electroactive biofilm performance in low-cost, single-chamber microbial electrolysis cells for biosensing

Connor E. Sauceda and Adam L. Smith*



2240

Evaluation of point-of-use drinking water treatment performance for typical per- and polyfluoroalkyl substances in tap water

Yangyuan Ji, Tao Yuan,* Zhenjin li, Yanan Xing, Yan Cao, Xiaoli Zhao, Xinyue Ma, Zhemin Shen, Shuangqing Hu and Genxiang Shen*

Point-of-use Drinking Water Treatment		Limitation on PFAS
Direct Consumption		✗
Boiling		✗
Filter (GAC and Ion Exchange Resins)		✗
Membrane filtration	UF	✗
	RO	✓
Bottled water		✓

2248

Adsorbent modified constructed wetlands for advanced removal of bulk organics and heavy metals from municipal wastewater effluent

Luca M. Ofiera, Thomas Wintgens and Christian Kazner*