Environmental Science Water Research & Technology

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See Manuela Antonelli *et al.*, pp. 128–143.
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Inside cover
See Jaspreet Kaur Randhawa *et al.*, pp. 29–84.
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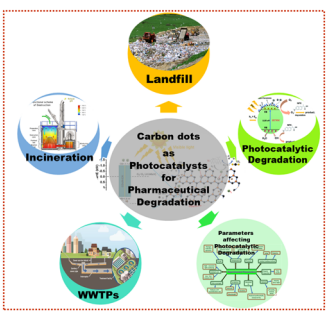
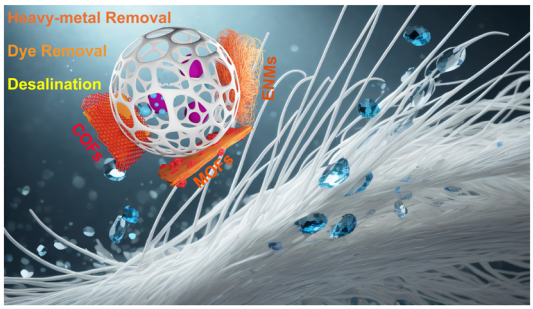
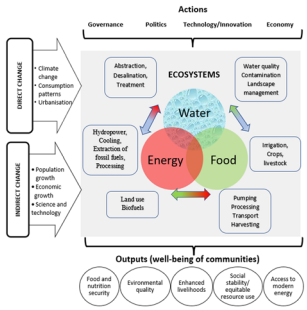
EDITORIAL

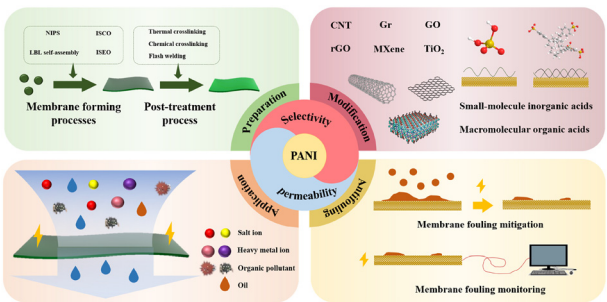
TUTORIAL REVIEW



CRITICAL REVIEWS







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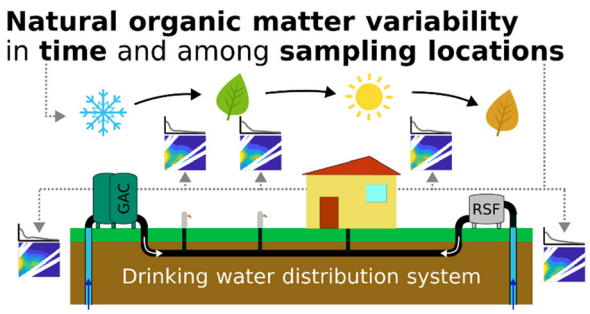

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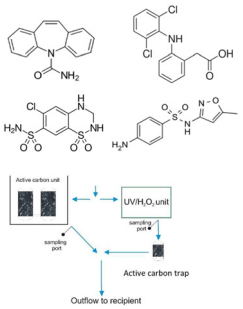

Evaluation and comparison of UV/H_2O_2 and adsorption on active carbon as a tertiary wastewater treatment for pharmaceutical removal within a small WWTP: a pilot study

Vladislav Knytl, Pavel Mašín, Věra Vlčková, Jaroslav Semerád, Klára Michalíková, Petra Najmanová and Tomáš Cajthaml*

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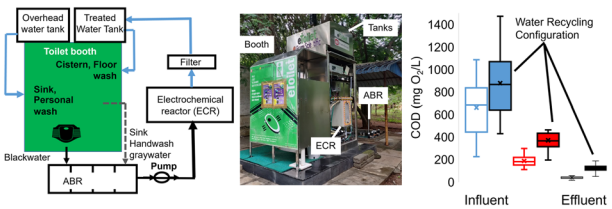

Water recycling public toilets based on onsite electrochemical wastewater treatment

Pragadeesh Subramani, Milan Basil, Praveen Rosario, Dijin Ramachandran Jalaja, Vaishali Choudhary, Jayakumar Renganathan, Ligy Philip, Kangwoo Cho, Claire Welling, Sonia Grego and Clèment Cid*

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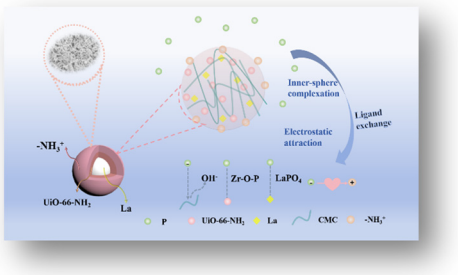

Integrated fabrication of CMC@UiO-66-NH_2@PEI composite adsorbents for efficient batch and dynamic phosphate capture

Yuyang Liu, Qingda An, Zuoyi Xiao, Jingai Hao, Xiaoling Dong, Kairuo Zhu,* Shangru Zhai* and Chang-Sik Ha*

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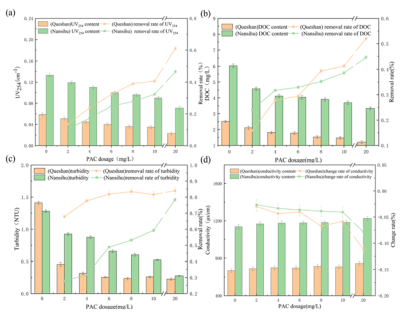

Study on the efficiency of the preoxidation–coagulation process in removing disinfection by-product precursors from micropolluted water

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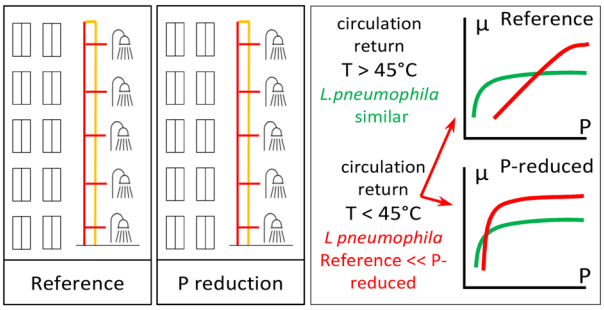
Effect of microbially available phosphorous removal on *Legionella* spp. in multi-storey residential dwellings in Latvia

Marta Zemīte,* Daina Pūle, Olga Kiriļina-Gūtmane, Laima Ķimse, Mārtiņš Strods, Jurģis Zemītis, Linda Mežule, Olga Valciņa and Tālis Juhna



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Pilot-scale evaluation of the sustainability of membrane desalination systems for the concentrate volume minimization of coal chemical wastewater

Fayuan Chen,* Linnan Ma, Zhong Zhang, Xiao Wang, Qinghong Wang, Xiaolong Wang, Chunmao Chen, Linyu Jiang and Xianhui Li*

Metric	VSEP	DTRO	FO-RO
Water recovery	★★★	★★★★	★★★★★
Resistance to fouling	★★★	★★★★	★★★★★
CAPEX	★★★★★	★★★	★★★★
OPEX	★★★★	★★★	★★★★★

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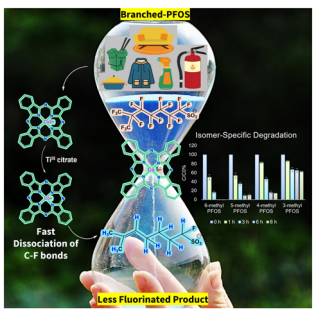
Fast reductive defluorination of branched perfluorooctane sulfonic acids by cobalt phthalocyanine: electrochemical studies and mechanistic insights

Maryam Mirabediny, Tsz Tin Yu, Jun Sun, Matthew Lee, Denis M. O'Carroll, Michael J. Manefield, Björn Åkermark, Biswanath Das* and Naresh Kumar*



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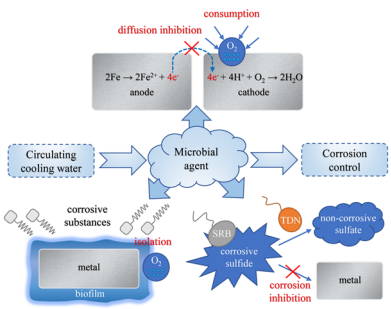
The effect and mechanism of a microbial agent used for corrosion control in circulating cooling water

Yu Wang, Hongfeng Liao, Li Gan, Zhengxiu Liu, Ziqiang Tang, Xiaoran Zhao, Yubin Zeng* and Chunsong Ye*



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Estimating impacts of LCRR's fifth-liter sampling and find-and-fix requirements on large water systems

Tyler C. Bradley,* Sheldon V. Masters, Timothy A. Bartrand and Christopher M. Sales

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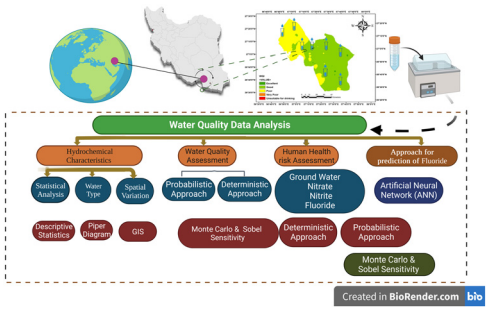

Quality evaluation and health risk assessment of drinking water in Minab County: hydrochemical analysis and artificial neural network modeling

Majid Amiri Gharaghani, Amin Mohammadpour, Mahsa Keshtkar, Abooalfazl Azhdarpoor* and Razieh Khaksefidi*

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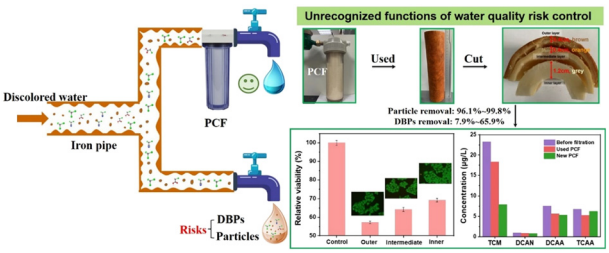

Particle and DBP removal efficiency and toxicity evaluation of polypropylene cotton filters in household drinking water purification systems

Linlin Pan, Yuan Zhuang,* Ruya Chen, Yitian He and Baoyou Shi*

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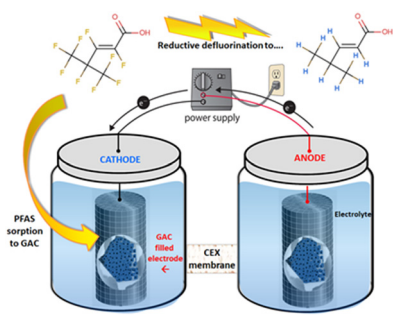

Electrochemical degradation of a C6-perfluoroalkyl substance (PFAS) using a simple activated carbon cathode

Diana Ackerman Grunfeld, Adele M. Jones, Jun Sun, Song Thao Le, Russell Pickford, Qingguo Huang, Michael Manefield, Naresh Kumar, Matthew J. Lee and Denis M. O'Carroll*

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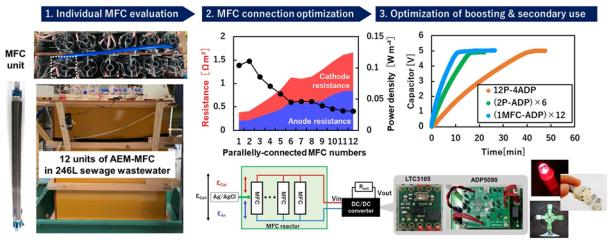

CORRECTION