

Environmental Science Water Research & Technology

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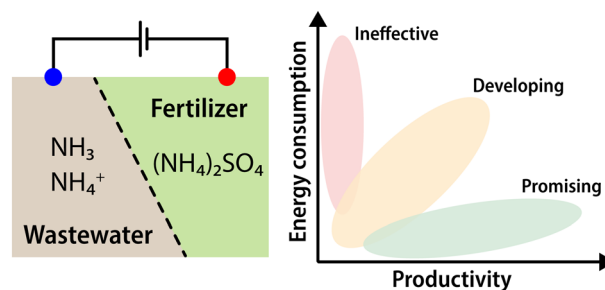
See Dinkal V. Kasundra, Rajamouli Boddula and Paresh N. Patel pp. 1629–1642. Image reproduced by permission of Paresh N. Patel and Dinkal V. Kasundra, from *Environ. Sci.: Water Res. Technol.*, 2025, 11, 1629.

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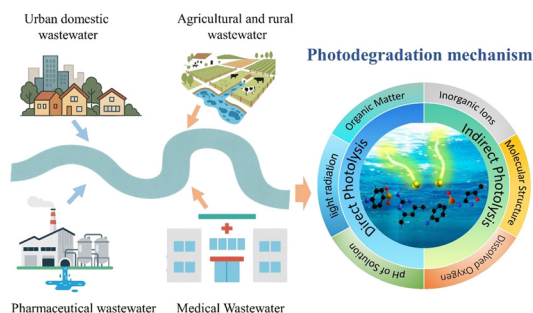
Weikun Chen and Taeyoung Kim*



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Erjie Huang, Juzheng Liu, Shoushu Liu, Qiting Zuo, Wei Zhang, Lin Gong* and Shaojie Ren*



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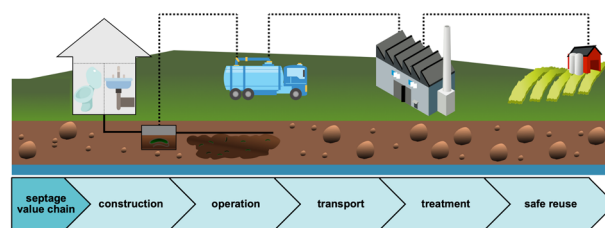


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Emerging investigator series: are we undervaluing septage? Rethinking septage management for nutrient recovery and environmental protection

Kevin D. Orner,* Lewis S. Rowles, Sara Heger and Ben Howard

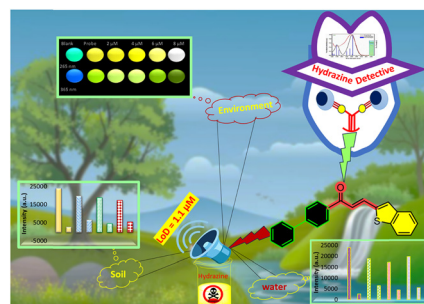


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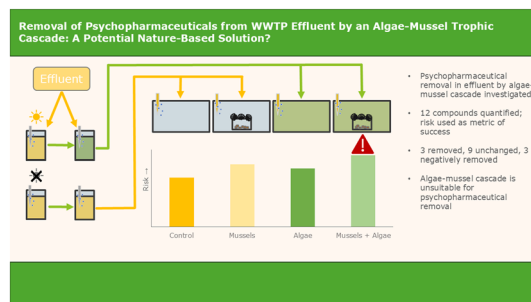
Dinkal V. Kasundra, Rajamouli Boddula and Paresh N. Patel*



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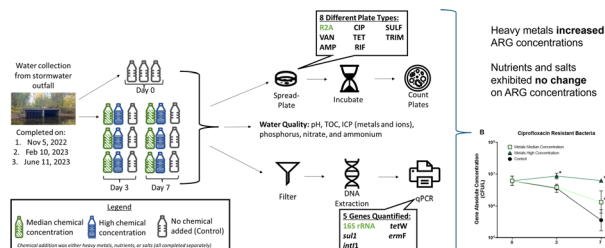
Charlie J. E. Davey,* Tom V. van der Meer, Thomas L. ter Laak, Piet F. M. Verdonchot and Michiel H. S. Kraak



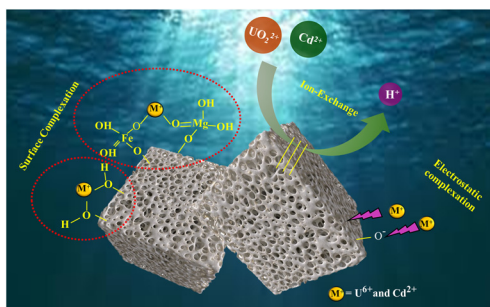
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Elucidating the impact of common stormwater pollutants on antibiotic resistance: the role of heavy metals, nutrients, and salts

Kassidy O'Malley, Patrick McNamara and Walter McDonald*



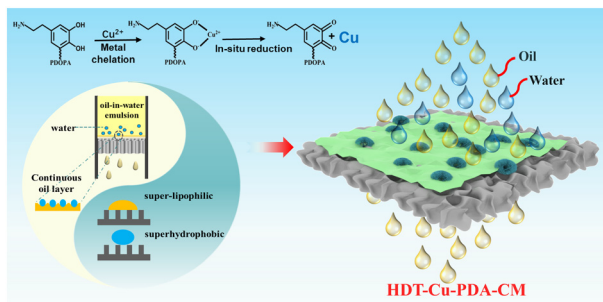
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Efficient preparation and characterization of LDH/GCN based 3D foam for sustainable continuous column removal of U^{6+} and Cd^{2+} from water: mechanistic insights and application feasibility

Lakshmi Prasanna Lingamdinne, Rakesh Kulkarni, N. S. Reddy, Yoon-Young Chang* and Janardhan Reddy Koduru*

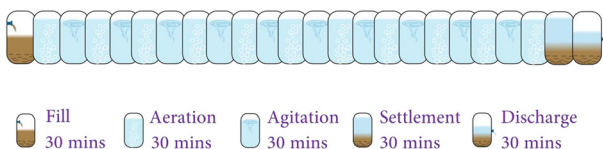
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In situ dopamine-driven copper nanoparticle-/thiol-modified superhydrophobic ceramic membranes for oil-water separation and membrane contamination control

Longjun Wang, Yonggang Li, Jingwen Zhou, Zhuolin Han, Pengcheng Liu, Xiquan Cheng and Kai Wang*

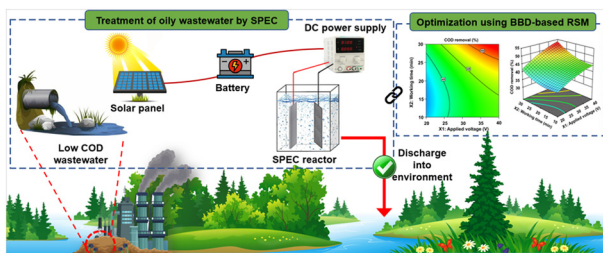
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Enhancing sustainability in a sequential batch reactor for wastewater treatment: soft sensor-based ammonia prediction with PSO-LSTM and random forest model

Qiu Cheng, Liu Houtao, Zhang Jin, Huang Fangqian, Jing Jiang, Li Qianglin* and Wang Mingxi

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Treatment of wastewater from the petrochemical industry by a solar-powered electrocoagulation process: optimization of crucial operating parameters using response surface methodology

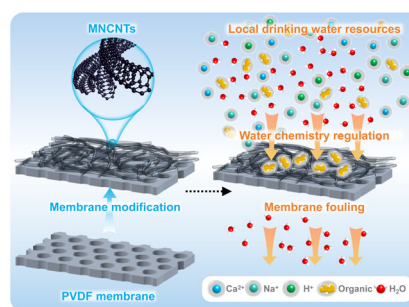
Reyidan Abuduaini, Ghizlane Achagri, Ying-Lin He, Zhuo Chen, Dilixiati Aini, Ümüt Halik,* Anand Parkash, Rimeh Ismail,* Peng-Cheng Ma and Abudukeremu Kadier*



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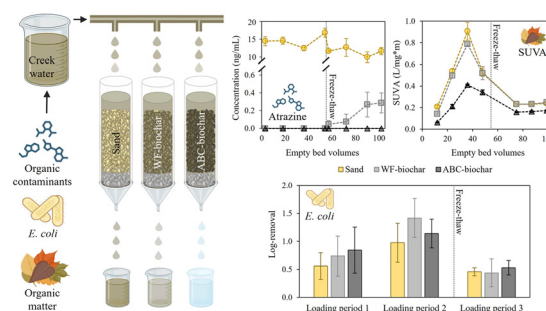
Zhenxun Yu, Xinyi Wang, Nian Liu, Zhengbin Nie, Honglei Xie, Xinhua Yang, Yibo Wu* and Cheng Cen*



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Evaluating the simultaneous retention of organic matter, organic contaminants, and *Escherichia coli* (*E. coli*) in biochar-amended biofilters

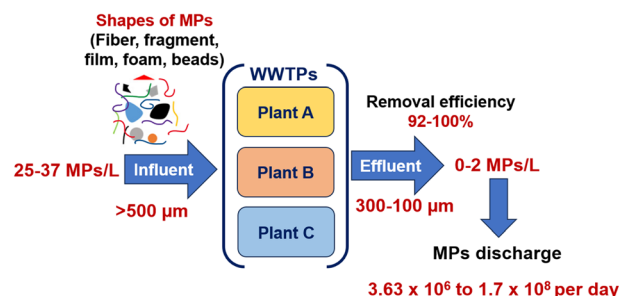
Johanna Jernberg, Tadele Haile and Bridget Ulrich*



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Seasonal variation and removal efficiency of microplastics in wastewater treatment: a year-long study across three municipal water reclamation plants

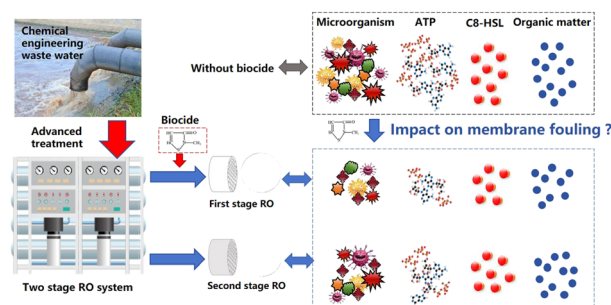
Sirajum Monira, Linhua Fan, Will McCance, Rajeev Roychand, Muhammed Ali Bhuiyan, Kalpit Shah, Michael Thomas and Biplob Kumar Pramanik*



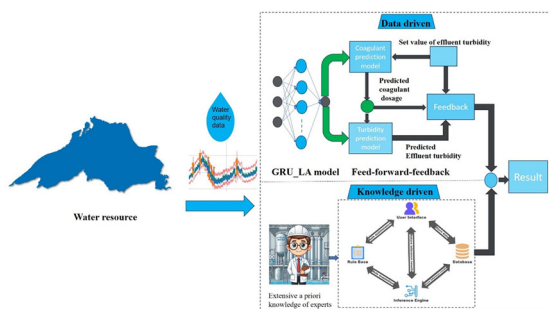
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Dynamic mechanisms of biocide-mediated biofouling control in two-stage RO systems in wastewater reclamation: efficacy and microbial adaptation

Haibo Gao, Liang Xiong, Yangzhou Su, Qiang Liu,* Xiaolei Zhang and Ping Yao*



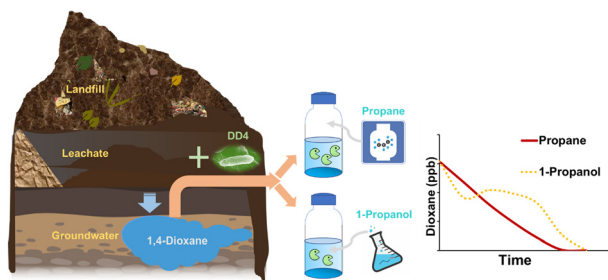
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Hybrid data and knowledge driven approach for determining coagulant dosing in drinking water treatment plants

Dongsheng Wang,* Chuanzhuang Wang, Jiahao Liu and Yicong Yuan

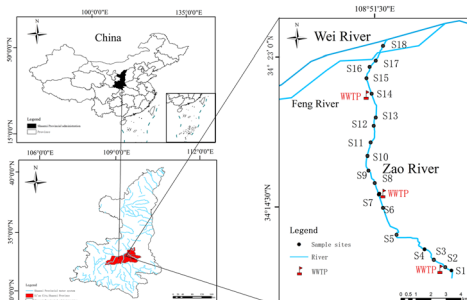
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Comparison of 1-propanol and propane as auxiliary substrates on 1,4-dioxane biodegradation via bioaugmentation with *Azoarcus* sp. DD4 at a landfill site

Devi Kumari Dhakal Gaudel, Jose Manuel Diaz Antunes, Junchul Kim and Mengyan Li*

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Occurrence, environmental behavior, and co-pollution of microplastics with HMs in urban channelized rivers

Yan Zhang, Jinglu Che and Liu Yang*

