

# Environmental Science Water Research & Technology

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### Cover

See Zhiliang Zhu *et al.*,  
pp. 1446–1459.

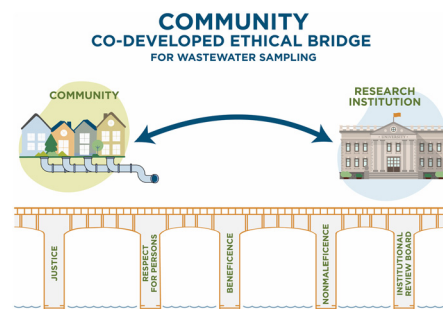
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Technol.*, 2025, **11**, 1446.

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Kathleen Clarke, Lauren B. Anderson, Arnita Gadson,  
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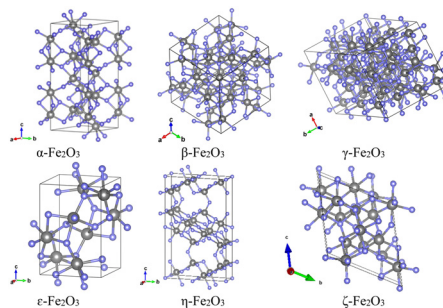


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Chao Li, Shilong He, Hong Mo, Xueqing Xu, Peixian Yang  
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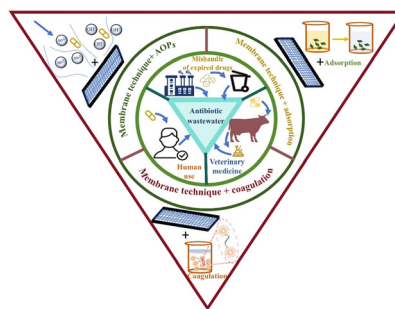


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**Research status of membrane separation technology in the treatment of antibiotic wastewater**

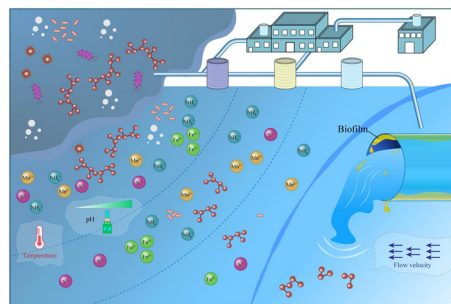
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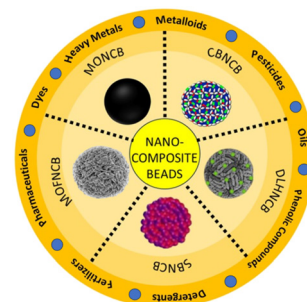
Zhenru Zhao, Wenjun Sun,\* Yanchu Ke, Yuanna Zhang and Xiaohui Wang\*



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Abdullah, Zumra and Saeed Ahmed\*

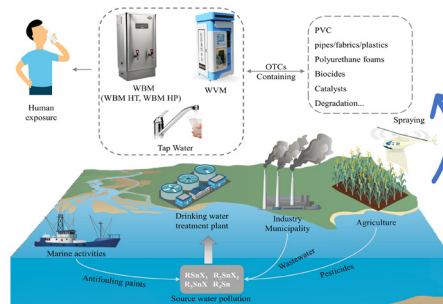


## PAPERS

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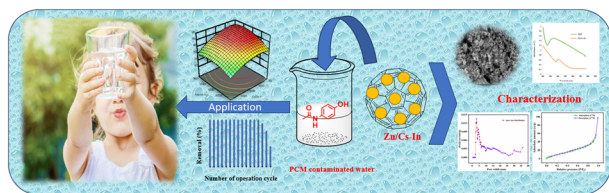
**Source apportionment of organotin pollution in different types of drinking water from megacity communities using multiple receptor models: a case study in Shanghai, China**

Qinghui Huang, Ying Meng, Yang Lu, Zhiliang Zhu,\* Yanling Qiu and Åke Bergman





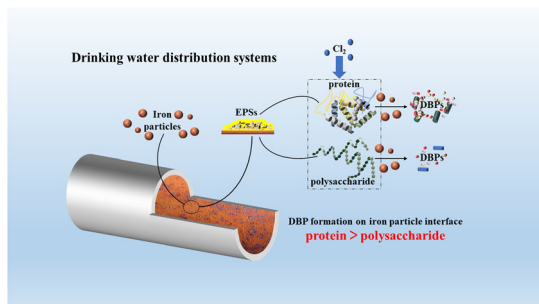
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### Mechanistic insights into paracetamol adsorption from water using ZnO nanoparticle-immobilized chitosan-inulin composites: fractal kinetics, statistical physics, thermodynamic analysis, and application to real water samples

Mohd Nasir,\* Daniya Shahid, Wajiha Khan, Atif Afroz, Mohammad Shahzad Samdani and Md. Abdur Rashid Mia

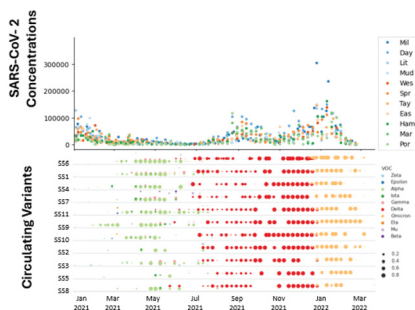
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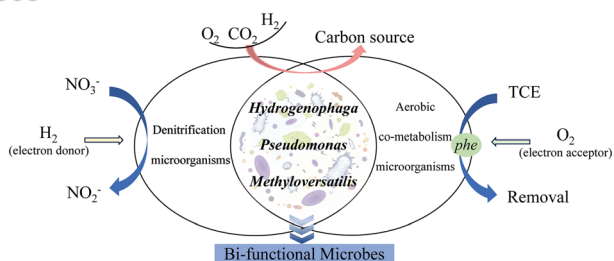
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Maitreyi Nagarkar, Scott P. Keely, Emily A. Wheaton, Chloe Hart, Michael A. Jahne, Jay L. Garland, Eunice Varughese and Nichole E. Brinkman\*

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### Nitrate enhances TCE removal by enriching bifunctional denitrifying/aerobic co-metabolizing microbes in the joint H<sub>2</sub>/O<sub>2</sub> system

Wenyi Huang, Weiwei Ouyang, Haonan Bian and Hui Liu\*

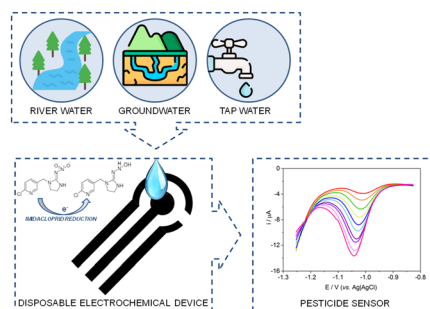


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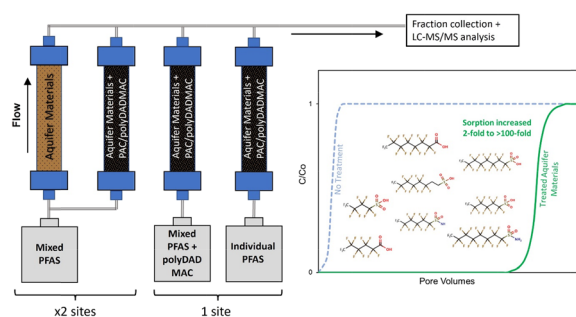
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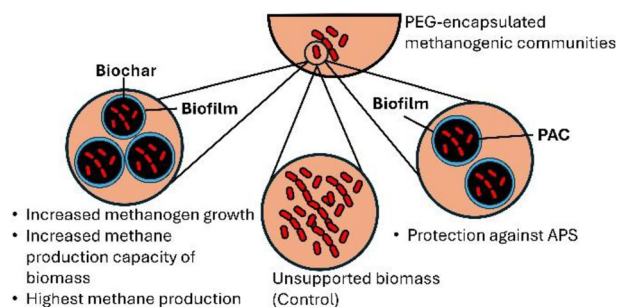
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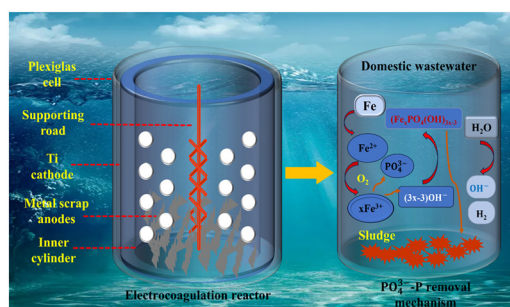
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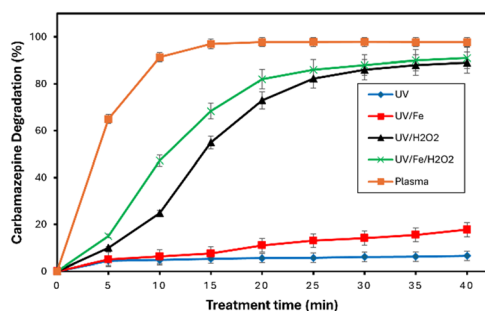


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Nawid Ahmad Akhtar, Mehmet Kobya and Erhan Gengec\*





## Insights into the degradation of carbamazepine using a continuous-flow non-thermal plasma: kinetics and comparison with UV-based systems

Samuel O. Babalola, Michael O. Daramola and Samuel A. Iwarere\*

