# **Environmental Science: Advances**

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#### **EDITORIAL**

# Environmental Science - Advances: reflections and welcome to another year of the journal

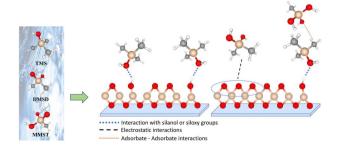
Kevin C. Jones, Zongwei Cai and Célia M. Manaia



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### Superior single- and multi-component siloxane removal from water using a faulted silica DON zeolite adsorbent

Dariana R. Vega-Santander, Rodinson Arrieta-Pérez, Daniela Rivera-Mirabal, Gabriela Del Valle-Pérez, Miguel Sepúlveda-Pagán, Juan C. Muñoz-Senmache, Yomaira J. Pagán-Torres and Arturo J. Hernández-Maldonado\*







# Environmental Science: Atmospheres

Connecting communities and inspiring new ideas

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Fundamental questions Elemental answers

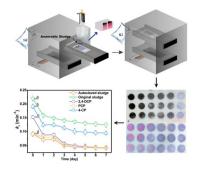


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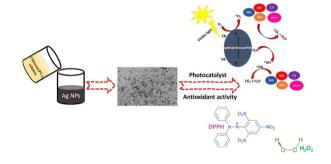
Development of a portable, microwell-based, smartphone-assisted colorimetric device to measure the activities of anaerobic digestion

Jian Lin Chen,\* Yanhao Miao, Qidi Sun, Yung-Kang Peng, Guozhu Mao, Wanqing Dai, Cui Tang and Jiayu Chen



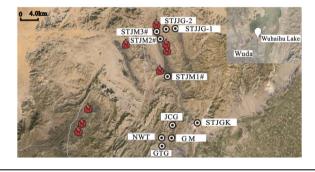
Chitosan/PVA-supported silver nanoparticles for azo dyes removal: fabrication, characterization, and assessment of antioxidant activity

Ismet Meydan,\* Aysenur Aygun, Rima Nour Elhouda Tiri, Tugba Gur, Yılmaz Kocak, Hamdullah Seckin and Fatih Sen\*



Fluorine pollution in a sheep fluorosis area of the northern Helan Mountains, Ningxia, China

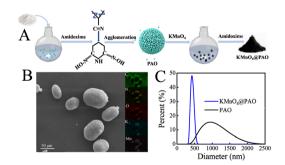
Kang Yang, Xiuping Hong\* and Handong Liang



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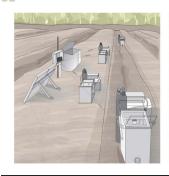
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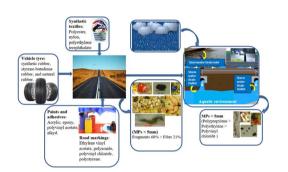




# Evaluation of nitrogen fate from land-application wastewater treatment for cheese making and vegetable processing facilities

Geoffrey S. Siemering,\* Francisco J. Arriaga, Clay P. VanderLeest and Sarah L. Naatz

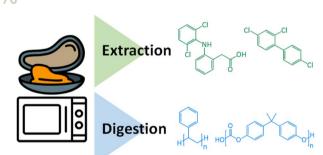
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S. M. Alamgir Kabir, Muhammed A. Bhuiyan, Guomin Zhang and Biplob Kumar Pramanik\*

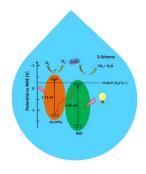
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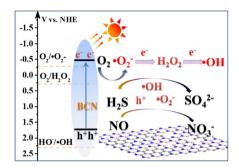
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Optimizing the electronic configuration of h-BN for boosting the photocatalytic transformation of acid gases under visible light

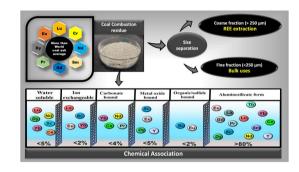
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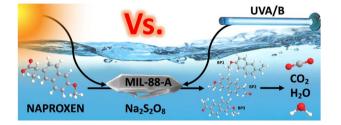
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