

# Environmental Science: Advances

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See Si-Si Liu, Chang-Er Chen et al., pp. 837–847. Image reproduced by permission of Si-Si Liu from *Environ. Sci.: Adv.*, 2023, 2, 837.

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### Development of diffusive gradients in thin-films with mixed binding gels for *in situ* monitoring of artificial sweeteners in waters

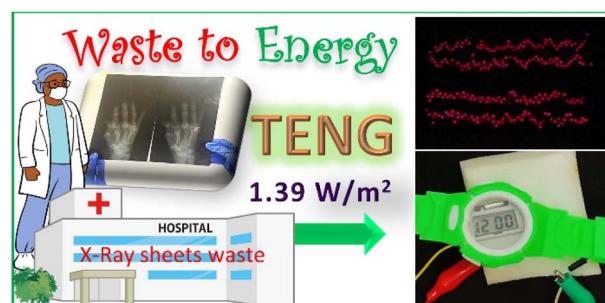
Hussain Ijaz, Jin-Xin Zi, Si-Si Liu,\* Qi-Si Cai, Sheng-Ming Cheng, Zong-Xi Zhao, Guang-Guo Ying, Andy J. Sweetman and Chang-Er Chen\*



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### A medical waste X-ray film based triboelectric nanogenerator for self-powered devices, sensors, and smart buildings

M. Navaneeth, Supraja Potu, Anjaly Babu, Rakesh Kumar Rajaboina,\* Uday Kumar K, Haranath Divi, Prakash Kodali and Balaji K.



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We welcome research from any discipline that will contribute to the understanding of the environment, and to the advancement of several UN Sustainable Development Goals – original thinking to take on the world's biggest challenges.

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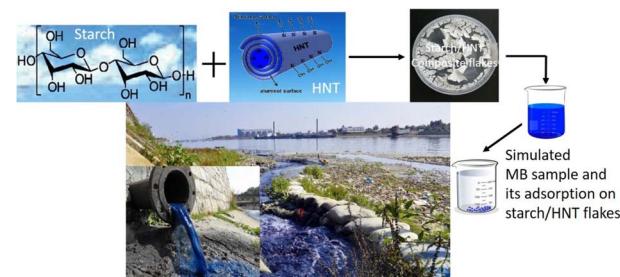


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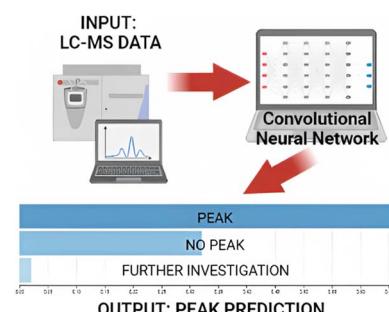
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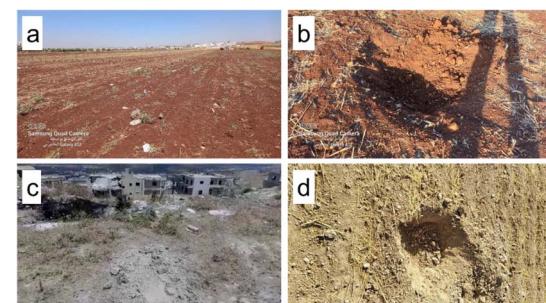
Kate Mottershead and Thomas H. Miller\*



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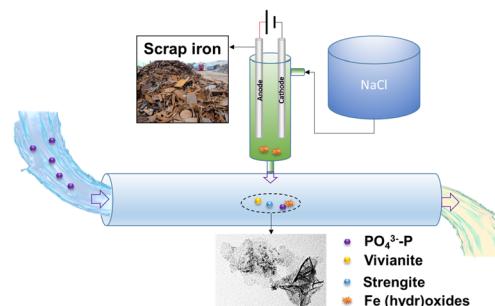
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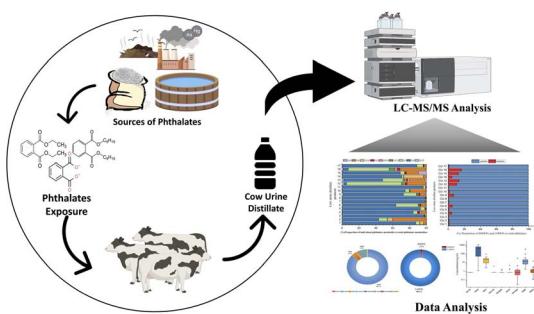
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Shiwei Xie, Zhengkang Bai, Wei Shao, Chen Wang, Jianglong Qin, Ze Liu and Peng Liao\*



## PAPERS

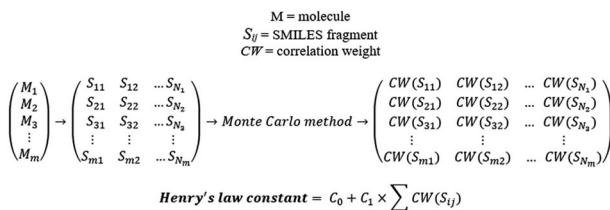
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