

# RSC Sustainability

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### Cover

See Sharib Khan, Sabarathinam Shanmugam, Timo Kikas et al., pp. 4466–4477. Image reproduced by permission of Epp Mardi and Timo Kikas from *RSC Sustainability*, 2025, 3, 4466.



### Inside cover

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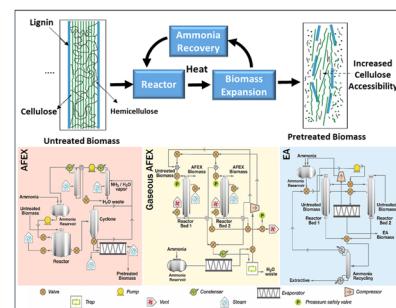
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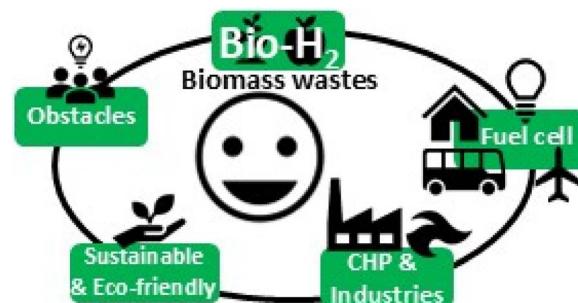
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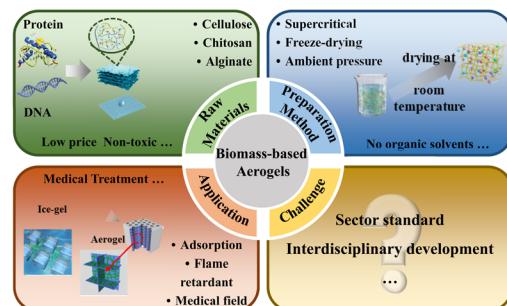
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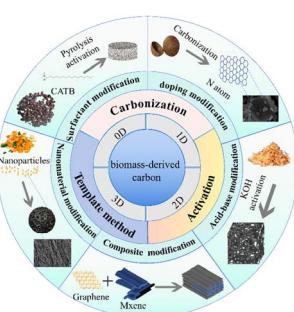


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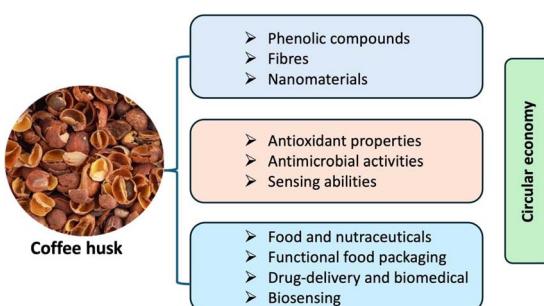
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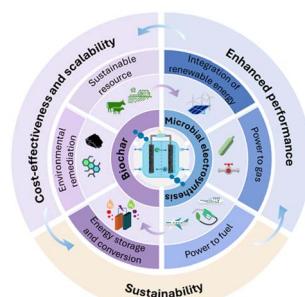


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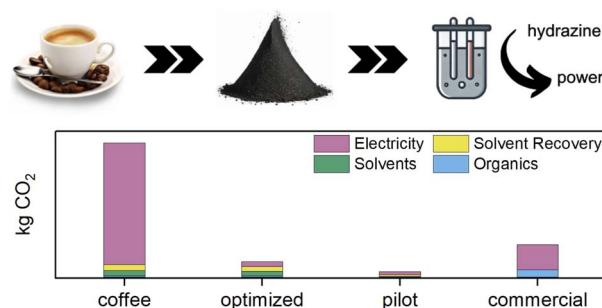


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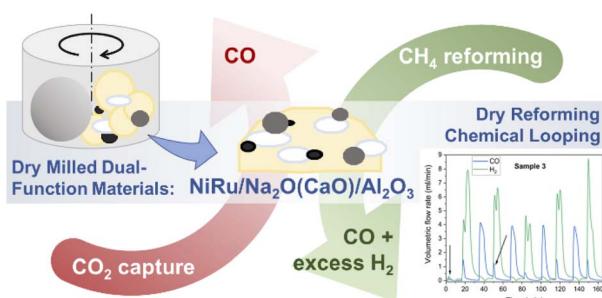
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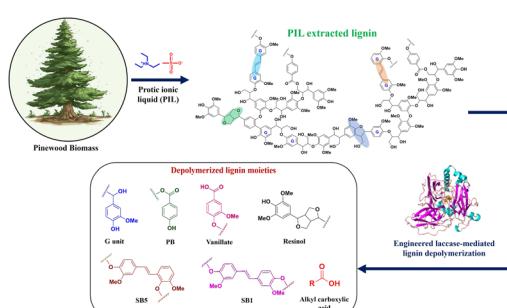


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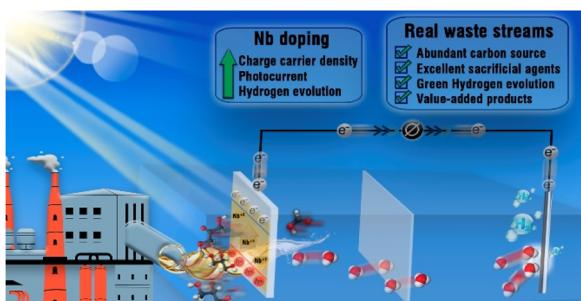
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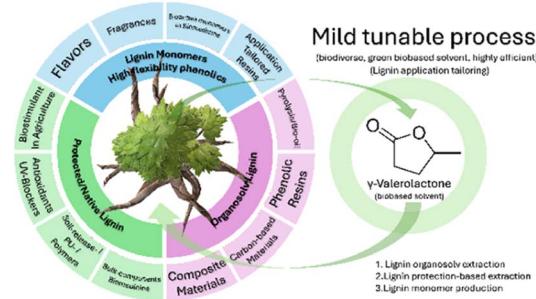
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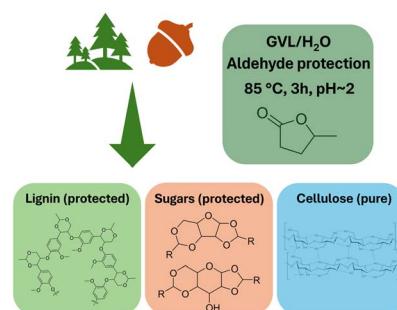


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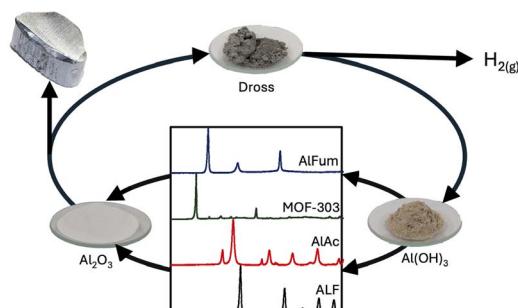
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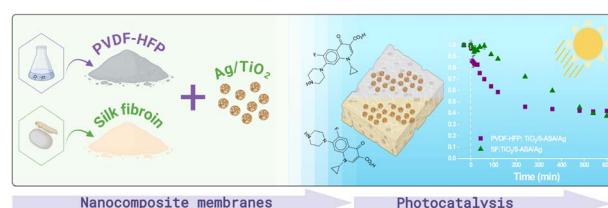
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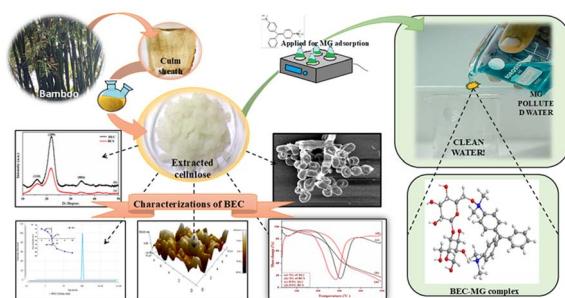
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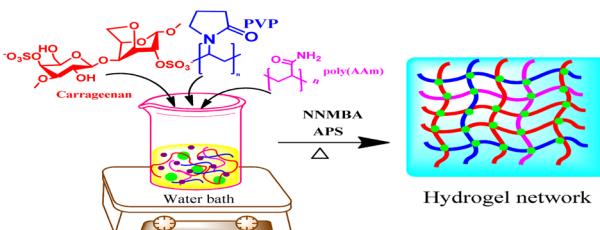
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Diptiranjan Behera, Priyanka P. Mishra, Shruti S. Pattnaik, Nigamananda Das, Jagadish Kumar and Ajaya K. Behera\*

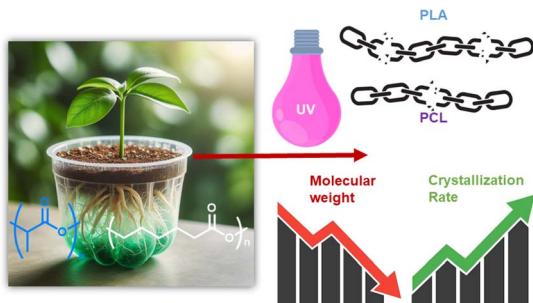
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Nistha Thakur and Baljit Singh\*

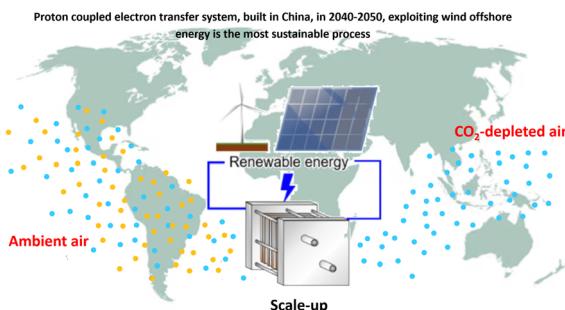
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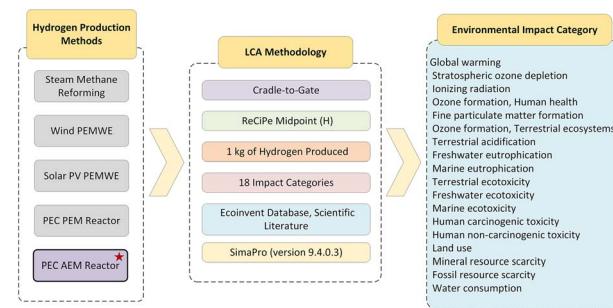


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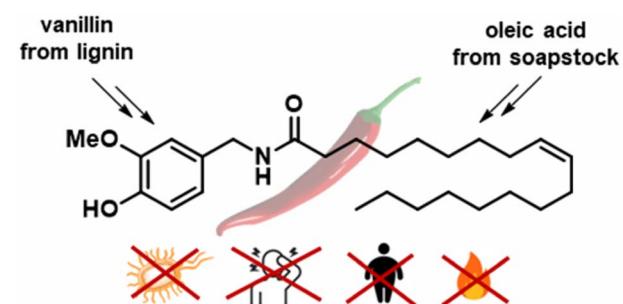
Vivek Prasad\* and Farrukh Khalid



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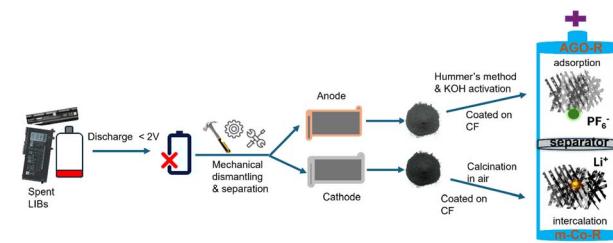
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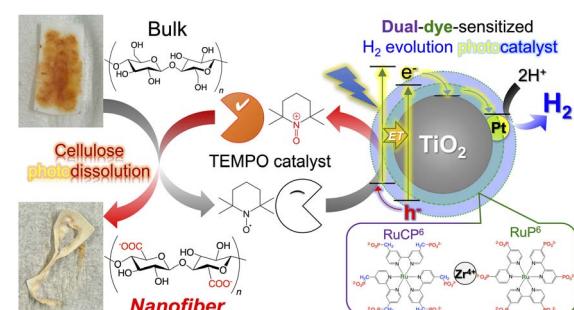
Subhajit Bhownik, Tausif Ahamad Ansari, Madhushri Bhar and Surendra K. Martha\*



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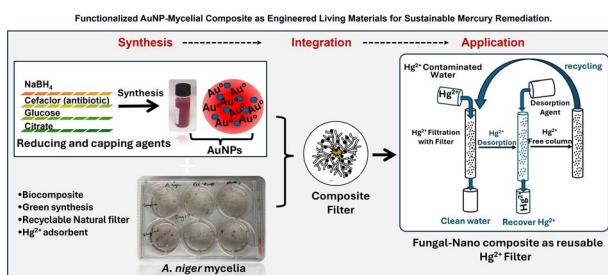
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Atsushi Kobayashi,\* Atsushi Miura and Keisuke Takahashi



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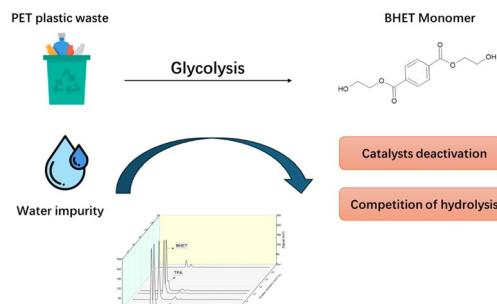
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## Functionalized AuNP-mycelial composites as engineered living materials for sustainable mercury remediation

Juwon S. Afolayan and Carole C. Perry\*

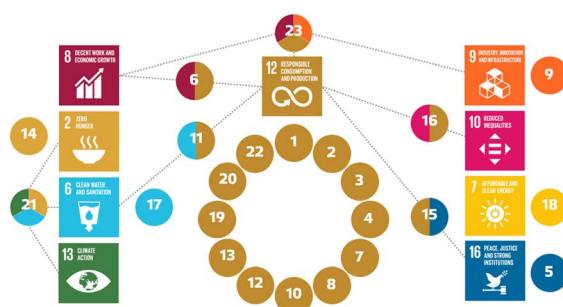
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## Unraveling the role of water in catalytic glycolysis of PET

Zixian Jia,\* Jie Zhang, Lin Gao, Haocheng Sun, Jiaxing Chen, Lijiao Qin and Jianzhong Yin\*

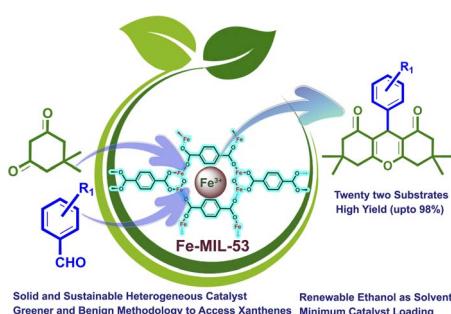
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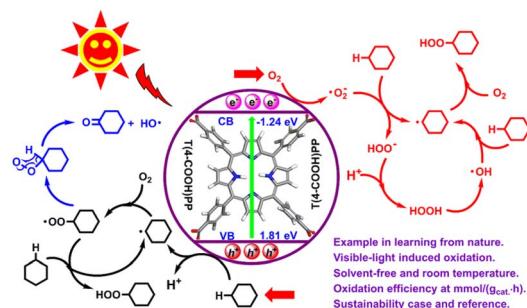


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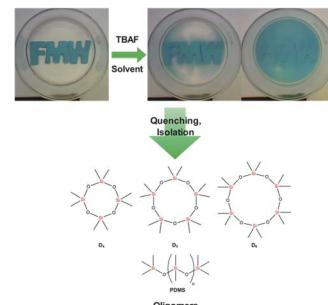
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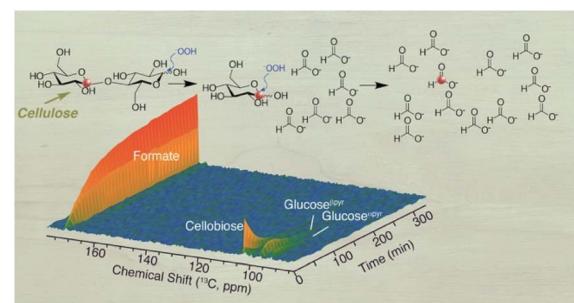
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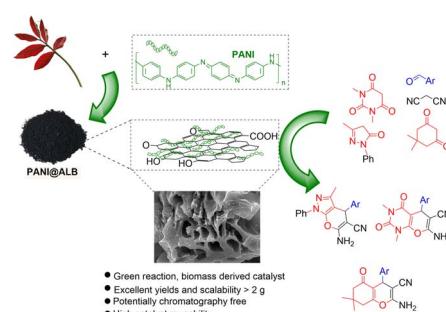
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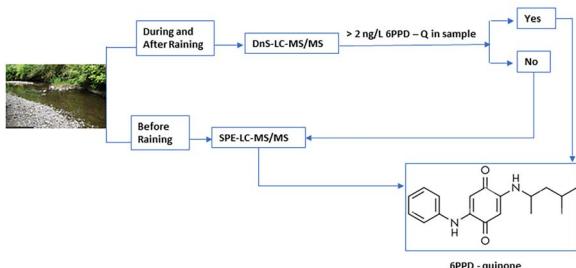
Nida Khan, Mohd Umar Khan, Mo Shadab, M. B. Siddiqui and Zeba N. Siddiqui\*



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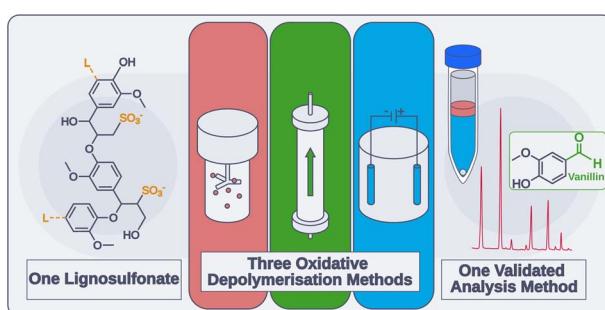
Environmentally benign strategy for quick detection and quantification of 6PPD-quinone



**An environmentally sensitive method for rapid monitoring of 6PPD-quinone in aqueous samples using solid phase extraction and direct sample introduction with liquid chromatography and tandem mass spectrometry**

Xiangjun Liao,\* Andrew R. S. Ross\* and Tanya M. Brown\*

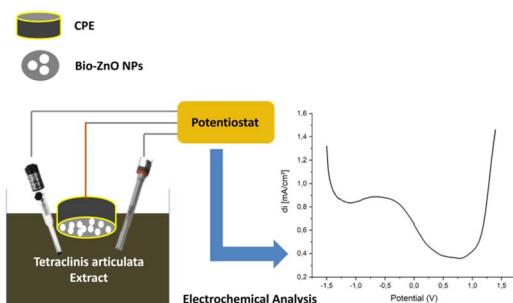
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