# Green Chemistry

Cutting-edge research for a greener sustainable future

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## IN THIS ISSUE

ISSN 1463-9262 CODEN GRCHFJ 27(23) 6679–6908 (2025)


**Cover**
See Xiaoli Xi *et al.*, pp. 6754–6763.

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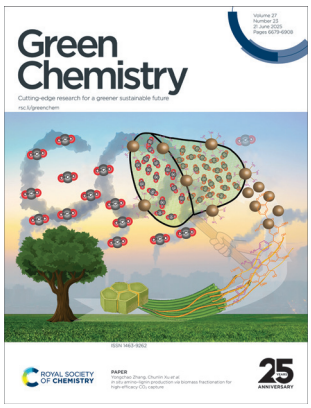


**Inside cover**
See Yongchao Zhang, Chunlin Xu *et al.*, pp. 6764–6775.

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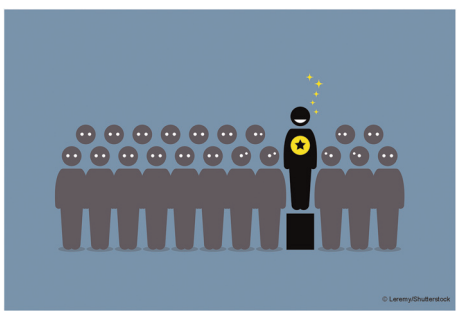
## EDITORIAL





## PERSPECTIVES



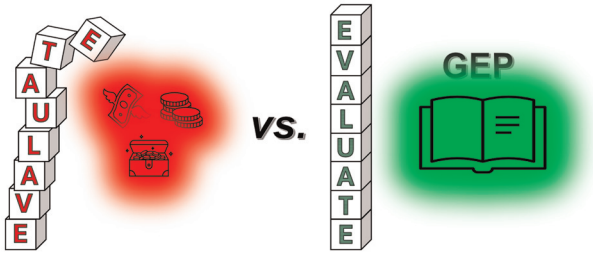
# EES Batteries

## Exceptional research on batteries and energy storage

Part of the EES family

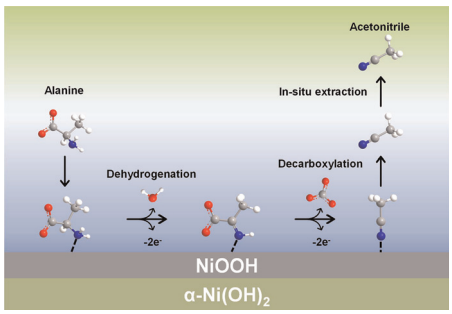
## PERSPECTIVES



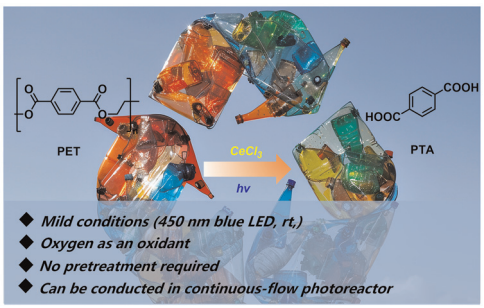



## COMMUNICATIONS

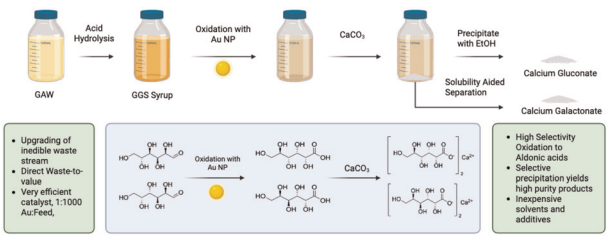








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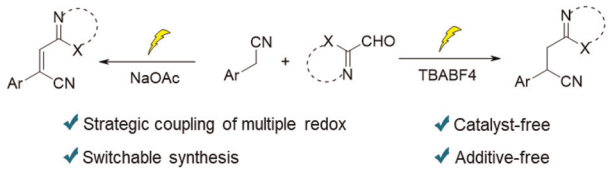
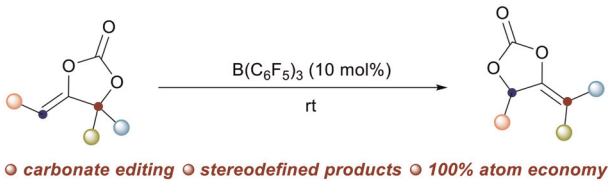



### Switching between α-alkenylation and α-alkylation of nitriles by coupling multiple electrochemical methods

Kai Li, Tong Li, Yupu Zhang, Hao Yang, Qi Sun* and Zhiyong Wang*

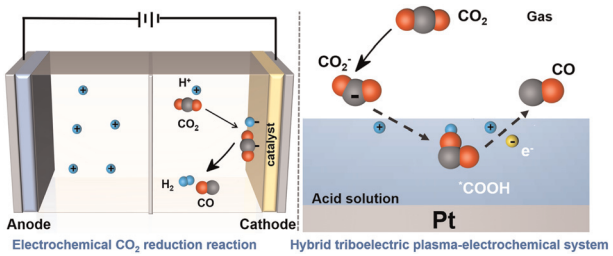





### $B(C_6F_5)_3$-catalysed cyclic carbonate editing

Yicheng He, Krishnapriya Anattil Unnikrishnan, Wenhao Yin, Rositha Kuniyil,* Haifeng Du* and Wusheng Guo*



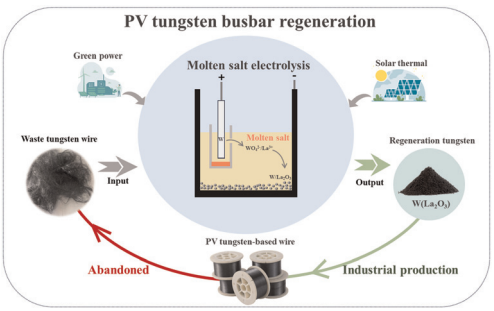



### Highly selective, catalyst-free $CO_2$ reduction in strong acid without alkali cations by a mechanical energy-induced triboelectric plasma-electrolytic system

Hui Hu, Nannan Liu, Qinglong Ru, Wei Jiang, Yongcui Yang, Kailan Ma, Lixiang Meng, Zuliang Du, Bao Zhang* and Gang Cheng*

## PAPERS






### Co-recovery of tungsten and lanthanum from photovoltaic tungsten-based busbars scrap by molten salt electrolysis

Xiang Xue, Liwen Zhang, Qi Fang, Chunjia Liu, Shuijie Su, Xiaoli Xi* and Zuoren Nie

## PAPERS

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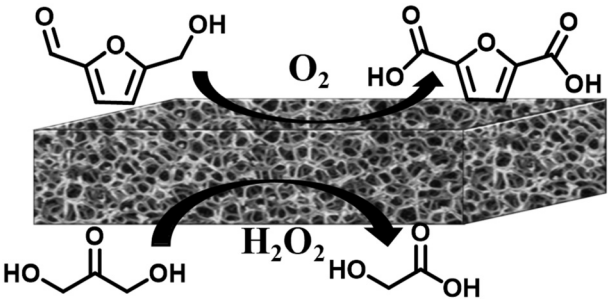




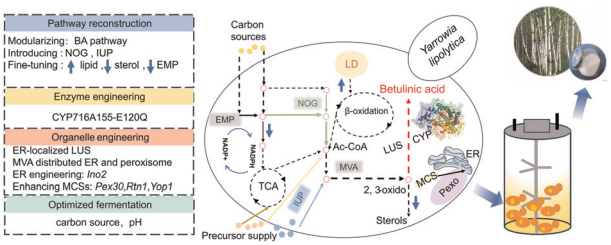




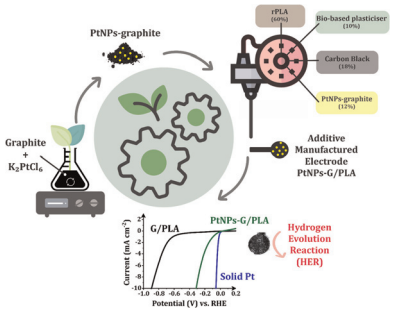




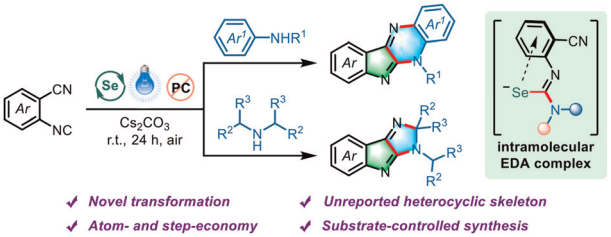

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## CORRECTION