Green Chemistry

Cutting-edge research for a greener sustainable future

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Cover
See Camilla Maria Cova, Noureddine Khair, and Alessio Zuliani *et al.*, pp. 11563–11575.

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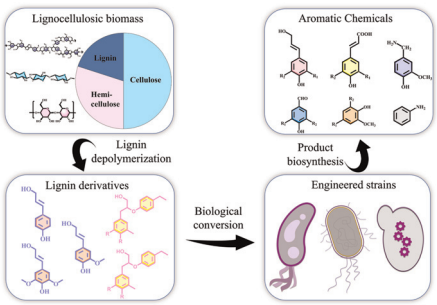
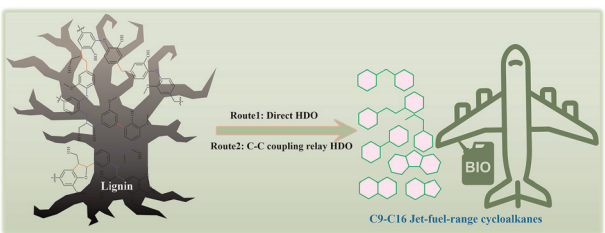
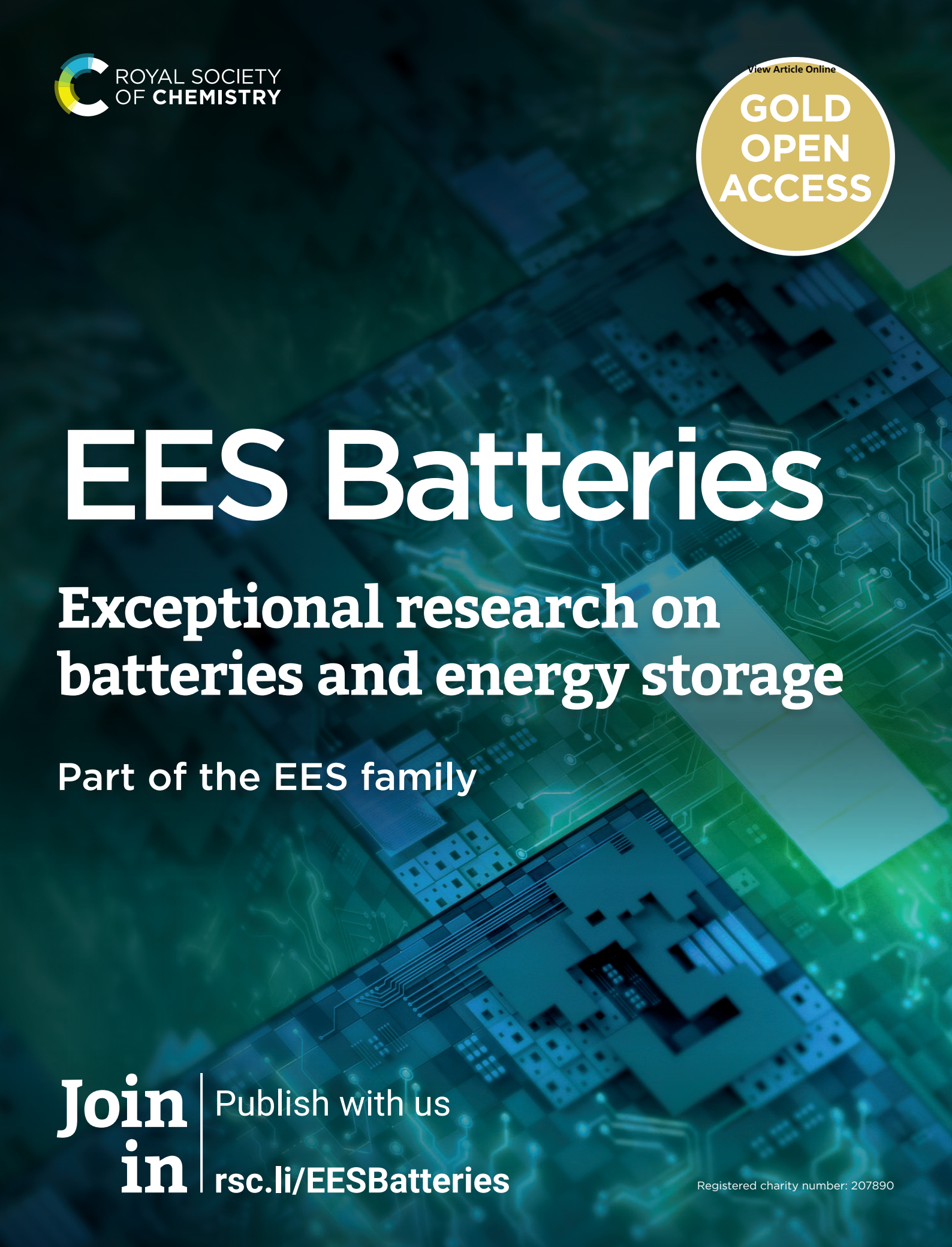
CRITICAL REVIEWS



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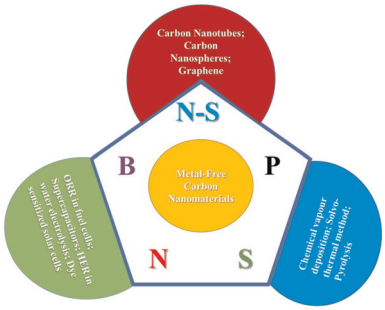

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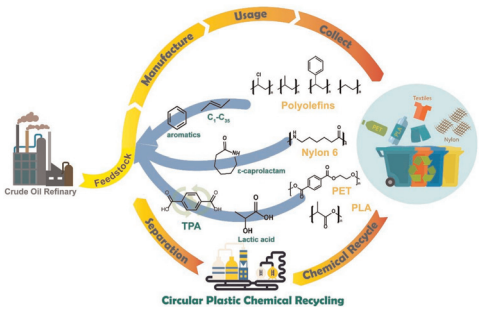

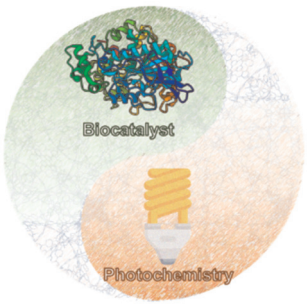

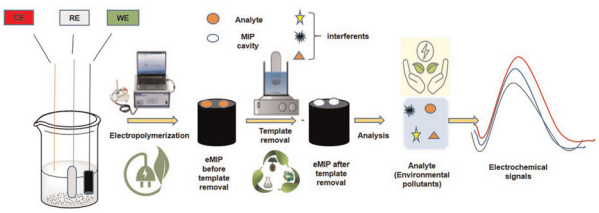

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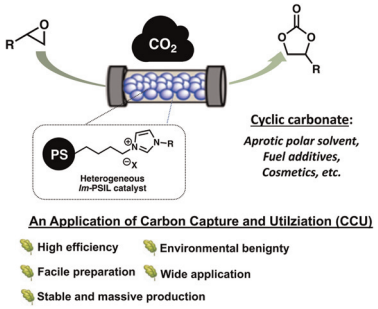

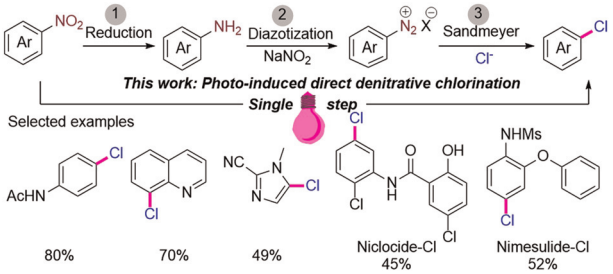

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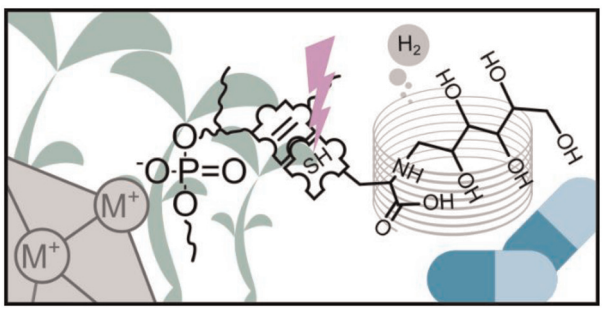

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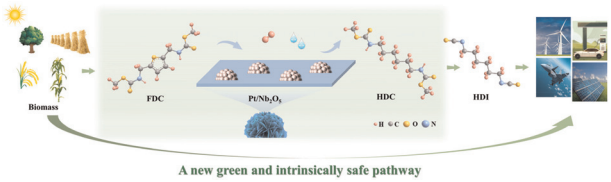

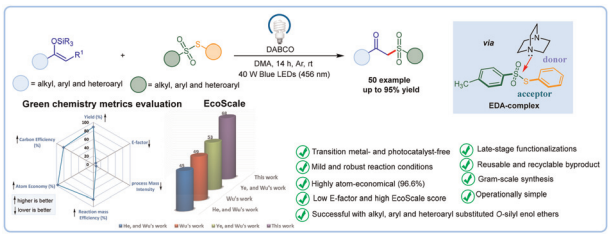

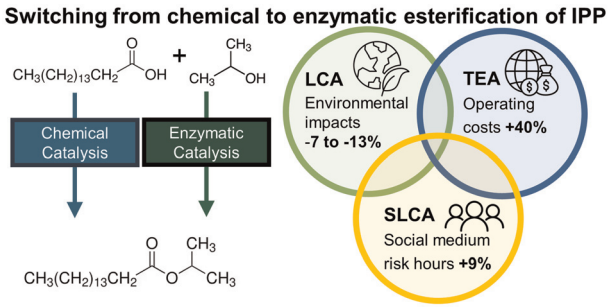

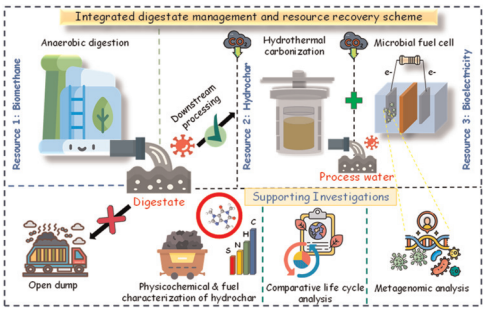

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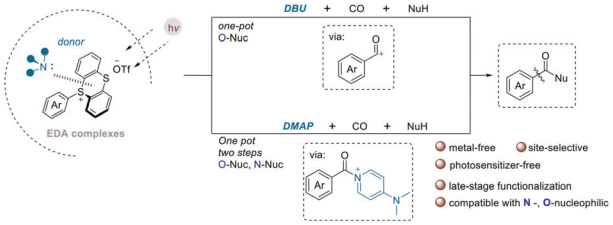

Controllable tertiary amine-promoted photoactivation metal-free carbonylation of aryl sulfonium salts to aryl carboxylic acid derivatives

Jiajun Zhang, Le-Cheng Wang, Yuanrui Wang and Xiao-Feng Wu*

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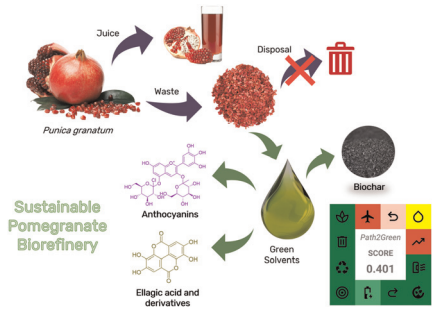

Valorization of pomegranate waste through green solvent extraction and biochar production: a zero-waste biorefinery approach

Leonardo M. de Souza Mesquita,* Letícia S. Contieri, Bárbara M. C. Vaz, Vitor Sencadas, Filipe H. B. Sosa, João A. P. Coutinho, Maurício A. Rostagno and Sónia P. M. Ventura*

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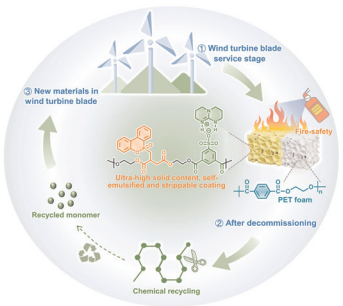

A solvent-free, self-emulsified and heat-responsive polyester coating enables chemically-recyclable and fire-safe PET foam

Bei-Bei Zhang, Li-Xia Fan, Lin Chen,* Xiu-Li Wang and Yu-Zhong Wang*

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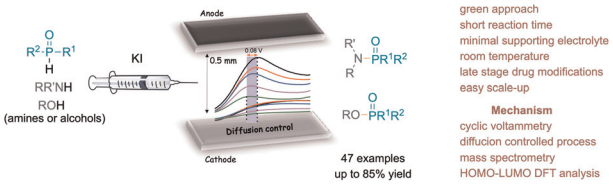

Flow electrosynthesis of phosphinamides and phosphoramidates through P–N coupling

Tribani Boruah, Ren Ishizeki, Alberto Roldan, Rebecca L. Melen* and Thomas Wirth*

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Modular access to multi-substituted allenones *via* environmentally friendly organocatalytic C–H allenylation of aldehydes

Xinying Hu, Ayisenbati Jialingbieke, Yuzhi Ren, Yifan Yang, Donghui Wei,* Jian Gao and Ding Du*