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See Helena Rapp-Wright *et al.*, pp. 5470–5485. Image reproduced by permission of Helena Rapp-Wright from *RSC Sustainability*, 2025, 3, 5470.



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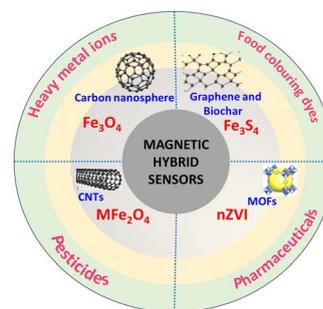
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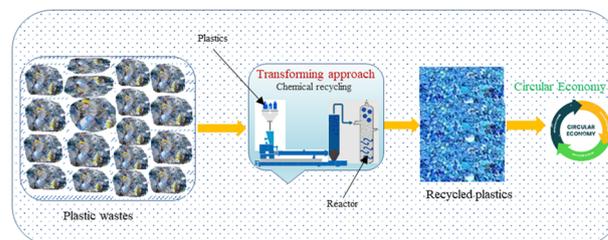
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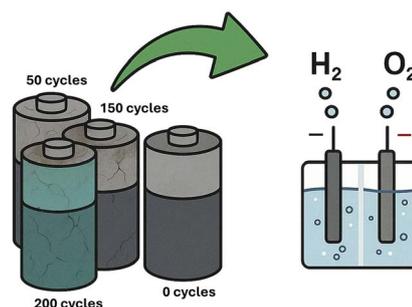


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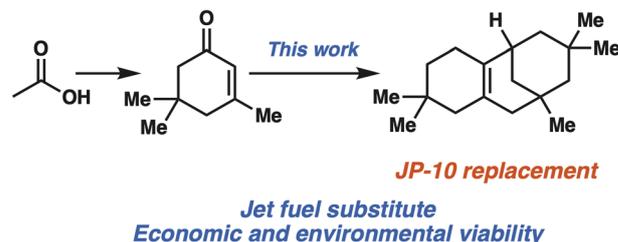
Arshdeep Kaur, Hongxia Wang, Michael R. Horn, Jessica Crawford and Anthony P. O'Mullane*



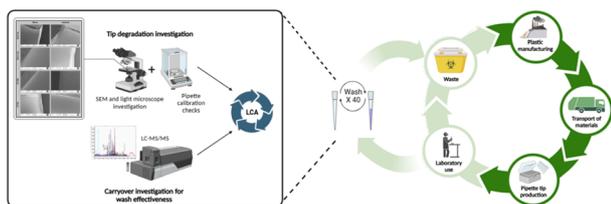
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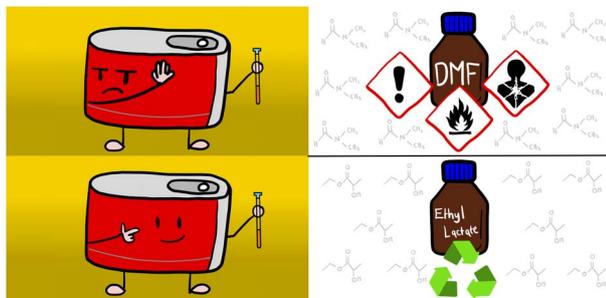
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Amber Vaughan, Yassir El Hadri, Juditha Gurumurthy, William Francis, Margarita White, Eric Auyang, Stephanie Wright, Leon P. Barron and Helena Rapp-Wright*

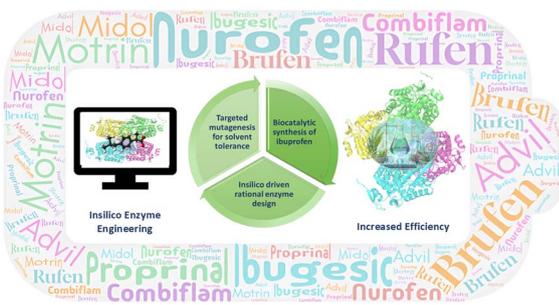
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Introducing bioderived solvents for safer and more sustainable ^{19}F benchtop NMR analysis of pyrolysis oils

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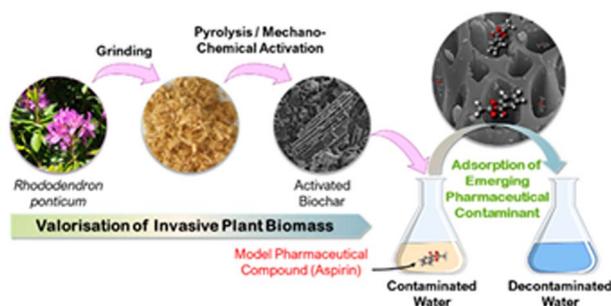
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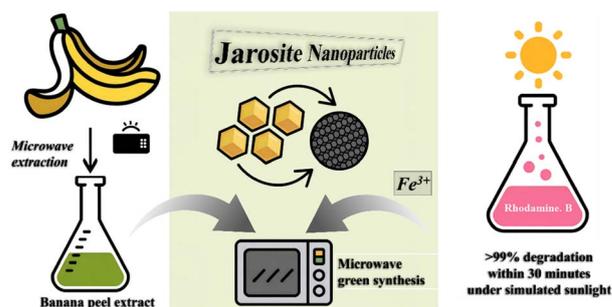
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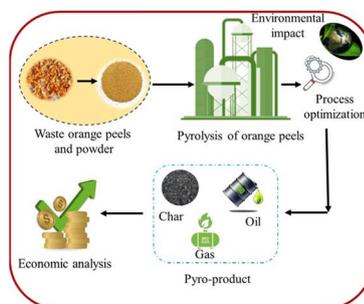
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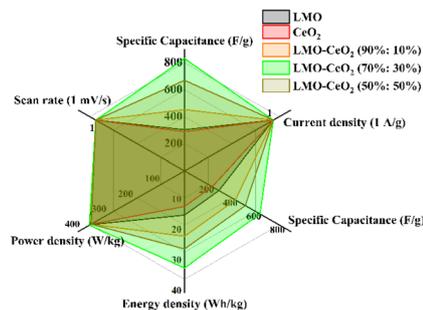
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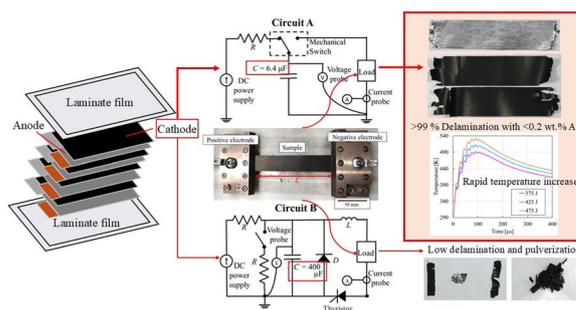
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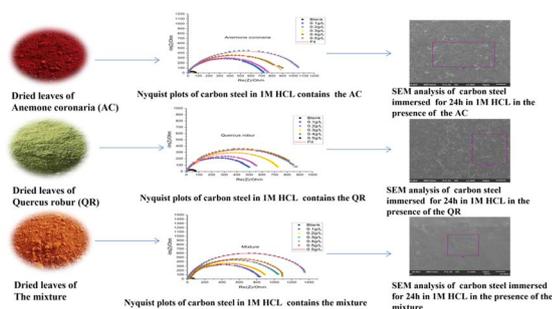
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Low-capacitance pulsed discharge enables heat- and solvent-free delamination of lithium-ion battery cathodes

Chiharu Tokoro,* Moe Nakahara, Takatoshi Kurihara, Akiko Kubota, Mauricio Córdova-Udaeta, Asako Narita and Yutaro Takaya



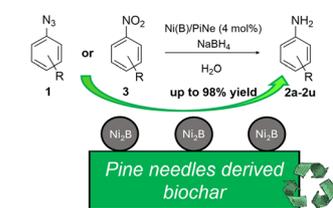
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Synergistic effect between *Anemone coronaria* and *Quercus robur* leaf extracts on mild steel corrosion in HCl 1 M solution: electrochemical and computational study

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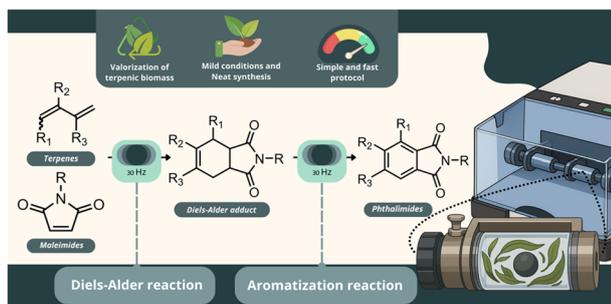


A heterogeneous nickel-supported catalyst: a circular approach to amine synthesis *via* azide and nitro compound reduction

Filippo Campana, Filippo Boccerani, Federica Valentini, Davide Gandolfo, Dario Marchionni, Dmitri Gelman and Luigi Vaccaro*

- ❖ Recoverable and reusable biomass derived Ni_2B catalyst
- ❖ $NaBH_4$ as safe and cheap reducing agent
- ❖ Mild reaction conditions and green solvent mediated work-up
- ❖ Chemoselective reductive process

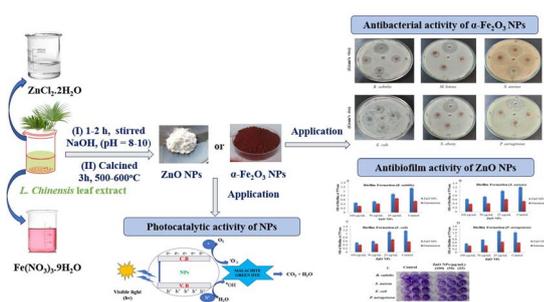
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Mechanochemical synthesis of phthalimides from terpenes *via* tandem Diels-Alder cycloaddition and iodine-mediated aromatization

Jhully Anne Barros Carvalho Ribeiro, Renan Rodini Mattioli, Duncan L. Browne and Julio C. Pastre*

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Green synthesis of ZnO and α - Fe_2O_3 nanoparticles using Chinese fan palm leaf extract for their biological and photocatalytic activity evaluation

Ekhlakh Veg, Azam Raza, Smita Rai, Pratibha Bansal, Swati Sharma, Nidhi Mishra, Riya Gupta, Shivam Mishra, Seema Joshi, Abdul Rahman Khan and Tahmeena Khan*



