

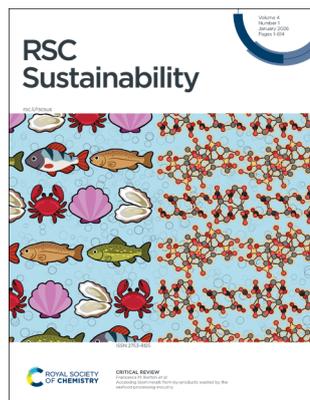
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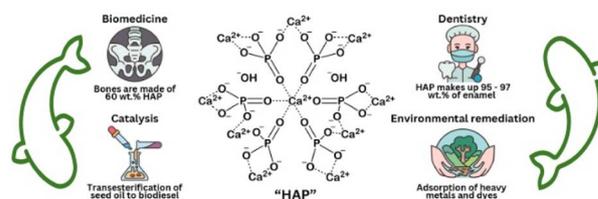


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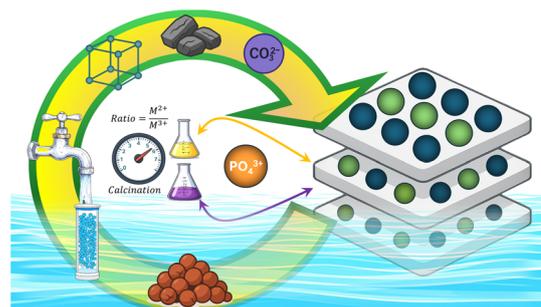
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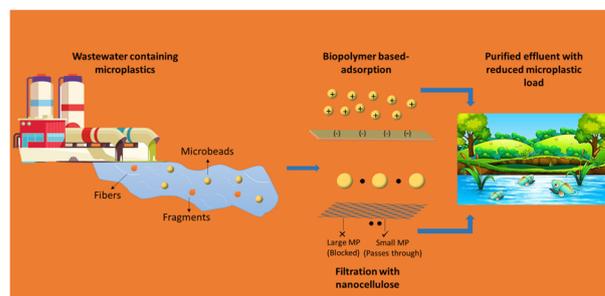
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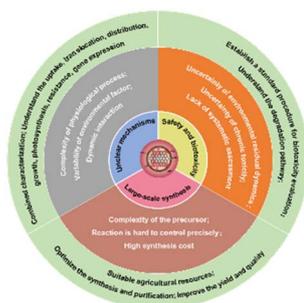
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CRITICAL REVIEWS

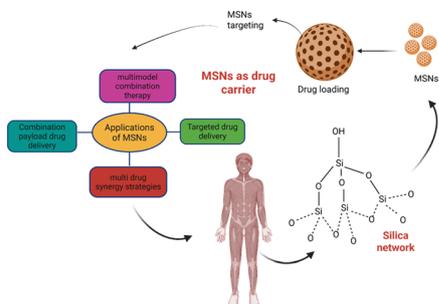
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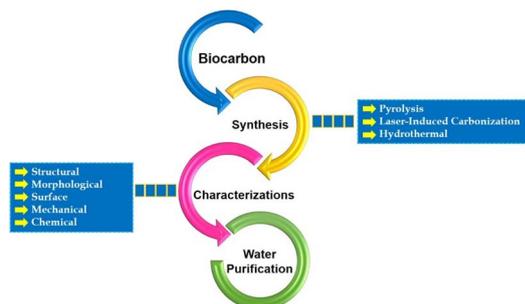


Engineering silica nanoparticles for precision nanomedicine: synthesis & functionalization – a review

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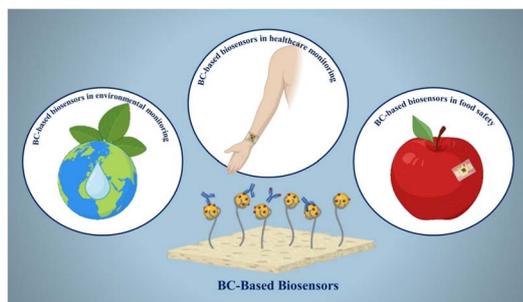
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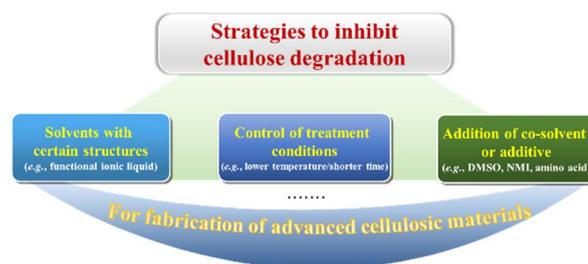
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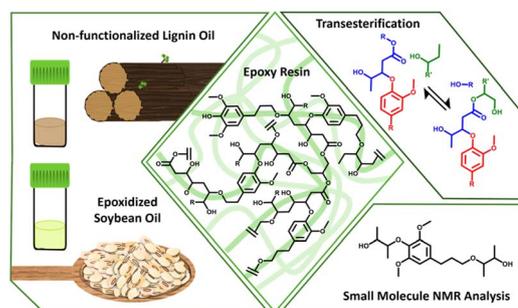
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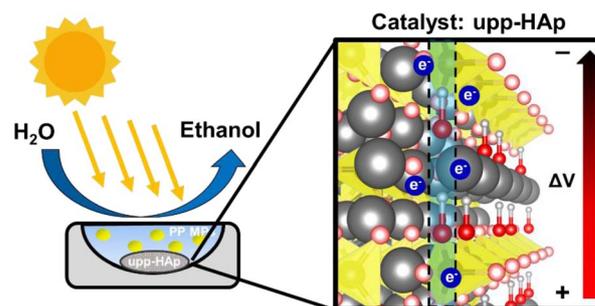
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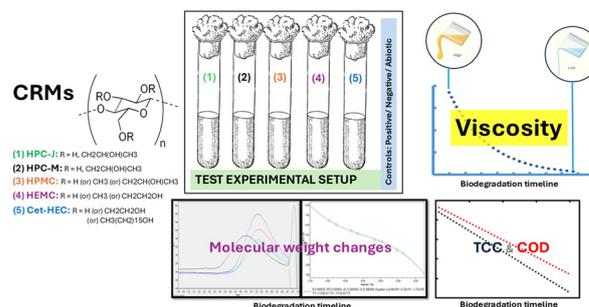
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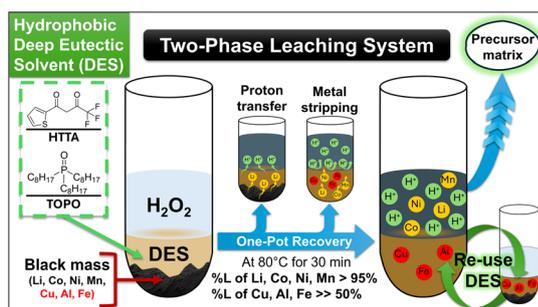
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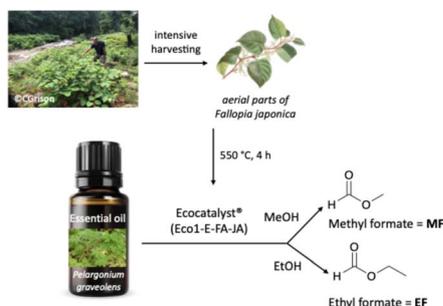
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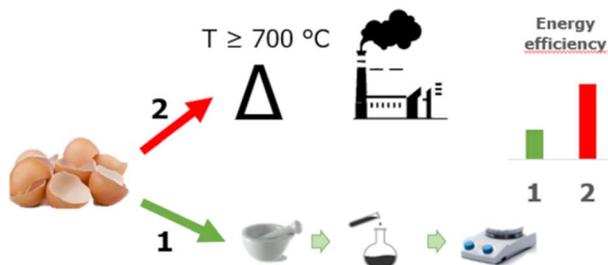
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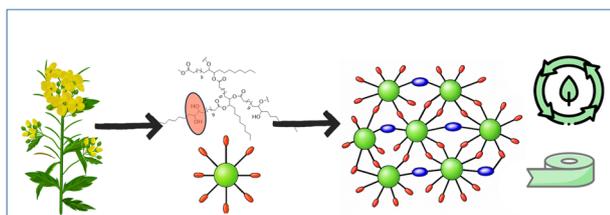
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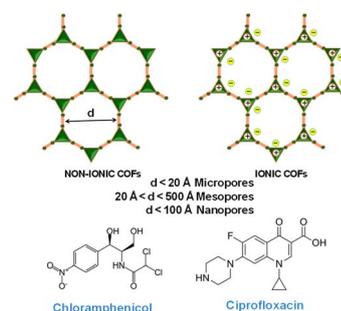
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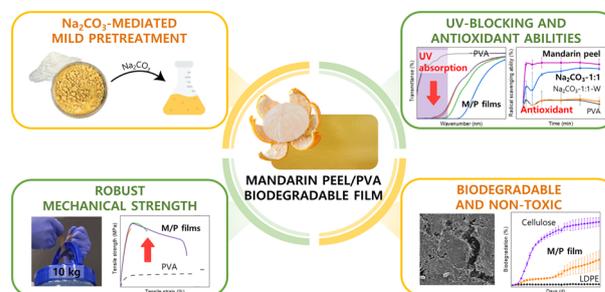
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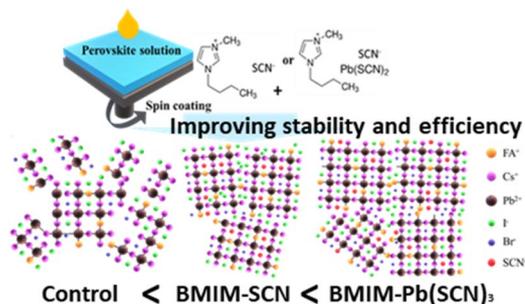
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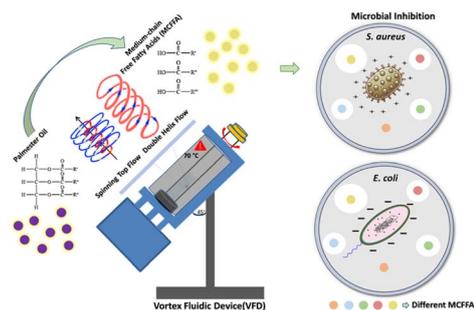
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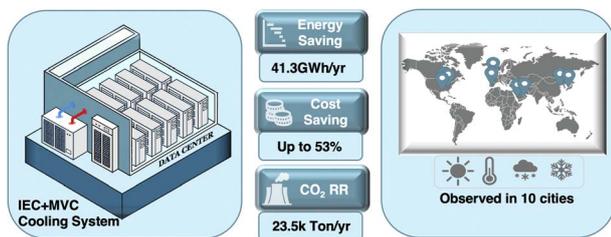
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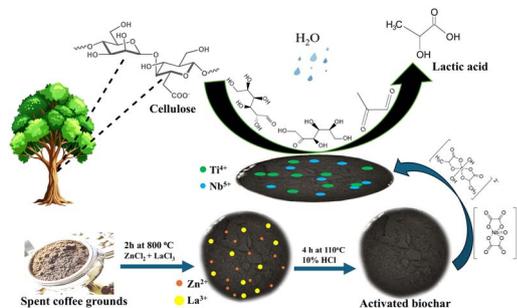
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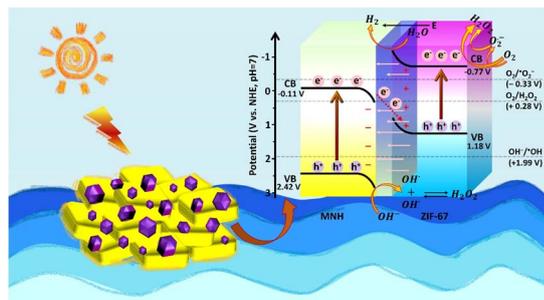
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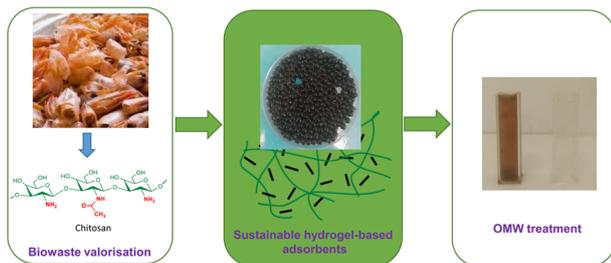
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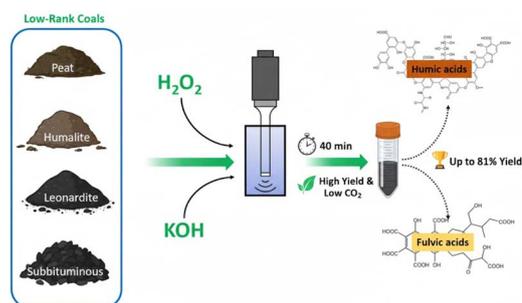
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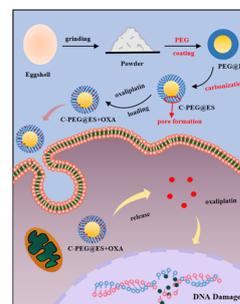
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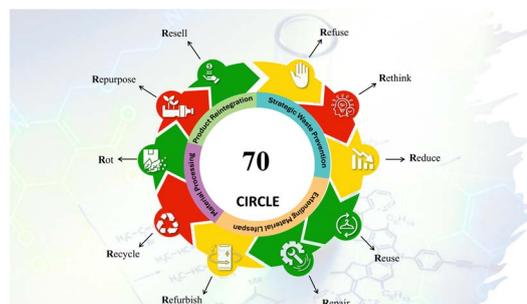
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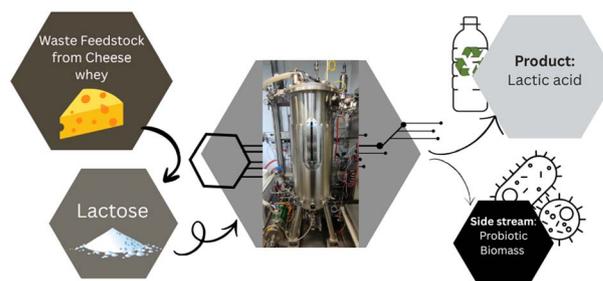
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Assessing multiple bioprocess modes for lactic acid production by *Lactiplantibacillus plantarum* ATCC 8014 using lactose as a substrate

Ciara D. Lynch, Si Liu, Tanja Narančić and Kevin O'Connor*



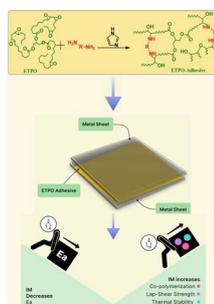
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Bismuth ferrite ($\text{Bi}_2\text{Fe}_4\text{O}_9$) nanosheets: an efficient adsorbent for triclosan

Komal Shukla and Raju Kumar Gupta*

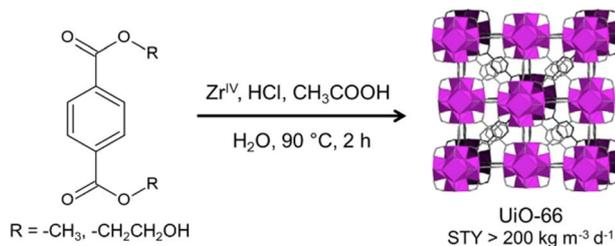
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Synthesis and characterization of thermosetting adhesives from epoxidized *Thevetia peruviana* oil for sustainable bonding solutions

Karthika Vayalachery Kambikanam, Bhadra Purushothaman Bindu, Adebayo Isaac Olosho* and Kiran Sukumaran Nair*

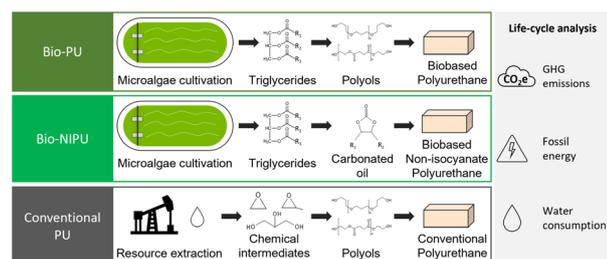
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Pietro Agola and Marco Taddei*

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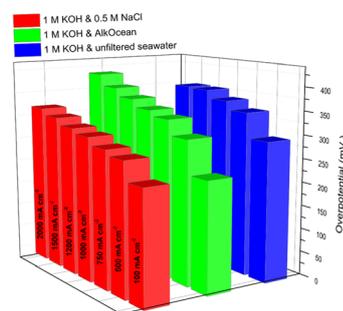
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Systematic study of electrochemical performance of nickel iron hydroxide (NiFe(OH)₂) electrocatalyst at high current densities in alkaline seawater solutions

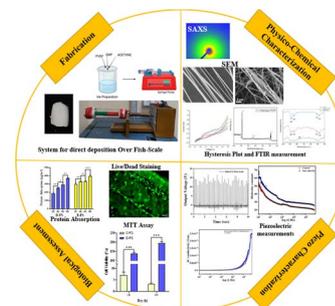
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Carla Triunfo, Francesca Oltolina, Annarita D'Urso, Raquel Fernández-Penas, Giuseppe Falini, Antonia Follenzi and Jaime Gómez-Morales*



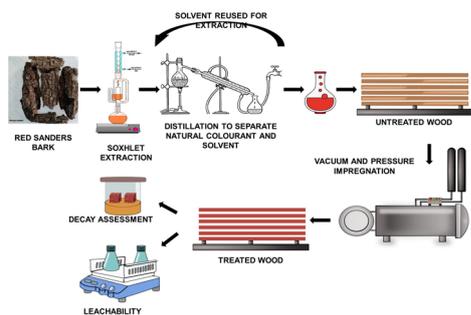
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Thermogravimetric and physicochemical characterization of waste tire–coconut shell blends as potential renewable energy feedstock

Samsudin Anis,* Sukarni Sukarni, Alavudeen Azeez, Ahmad Indra Siswantara, Sonika Maulana, Deni Fajar Fitriyana, Adhi Kusumastuti, Januar Parlaungan Siregar, Sivasubramanian Palanisamy,* Aravindhan Alagarsamy, Mohamed Abbas, Shaen Kalathil and Mezigebe Belay*



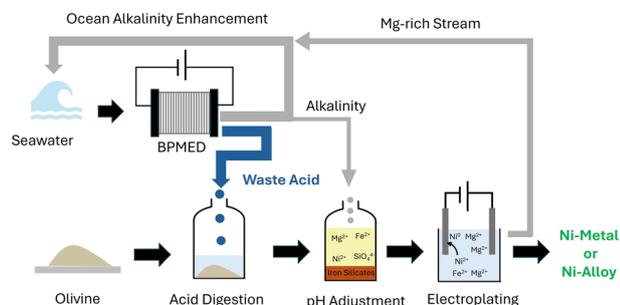
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Red sanders bark extracts as effective bio-protective agents against fungal and termite degradation of plantation timbers

Souvik Ray, Rakesh Kumar,* N. S. Mithila and S. R. Shukla

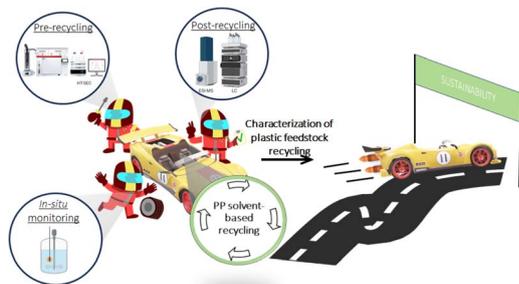
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Nickel extraction from olivine using waste acid from an electrochemical marine CO₂ removal process

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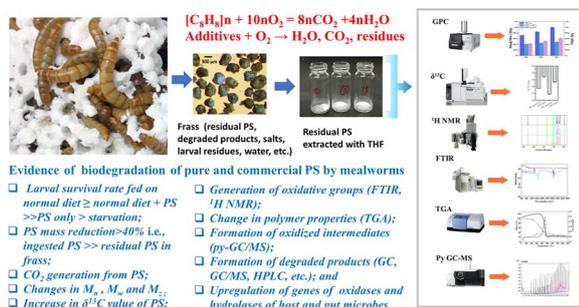


From additive analysis to process monitoring: characterization of polypropylene solvent-based recycling from plastic feedstocks representative of sorting centres

Sofiane Ferchichi, Nida Sheibat-Othman,* Maud Rey-Bayle and Vincent Monteil*

COMMENTS

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Comment on "Expanded polystyrene is not chemically degraded by mealworms" by Z. M. Tahroudi, G. Flematti, J. Joshi, G. Fritz and R. Atkin, *RSC Sustainability*, 2025, 3, 383

Wei-Min Wu* and Craig S. Criddle

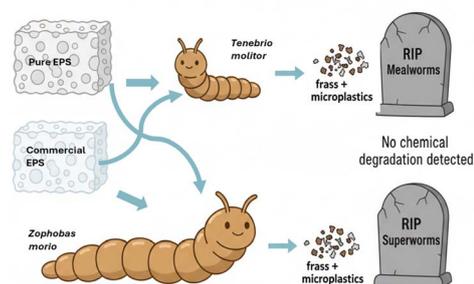


COMMENTS

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Reply to the 'Comment on "Expanded polystyrene is not chemically degraded by mealworms"' by W.-M. Wu and C. S. Criddle, *RSC Sustainability*, 2026, 4, DOI: 10.1039/D5SU00247H

Zahra Mohammadizadeh Tahroudi, Shaik Sayed Md Rashidul Hossain, Gavin R. Flematti, Jitendra Joshi, Georg Fritz* and Rob Atkin*



CORRECTION

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Correction: Green initiatives for the synthesis of polyamide monomers: precision fermentation using engineered *Corynebacterium glutamicum* and extraction of purified 5-aminovaleric acid (5AVA) and putrescine

Keerthi Sasikumar, Volker F. Wendisch* and K. Madhavan Nampoothiri*

