RSC Sustainability

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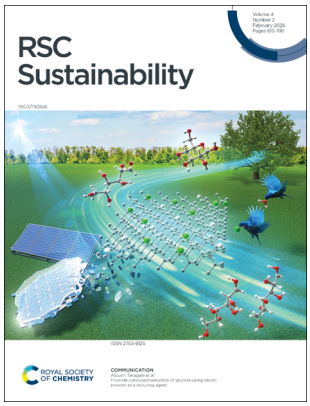

Cover
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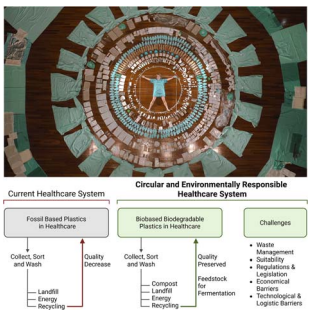
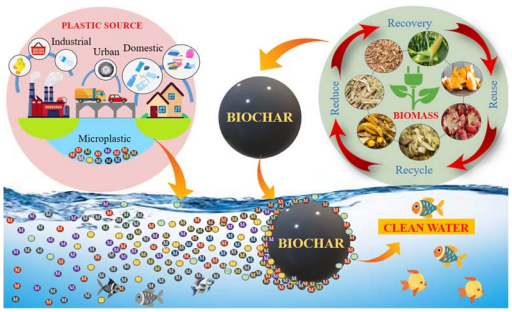
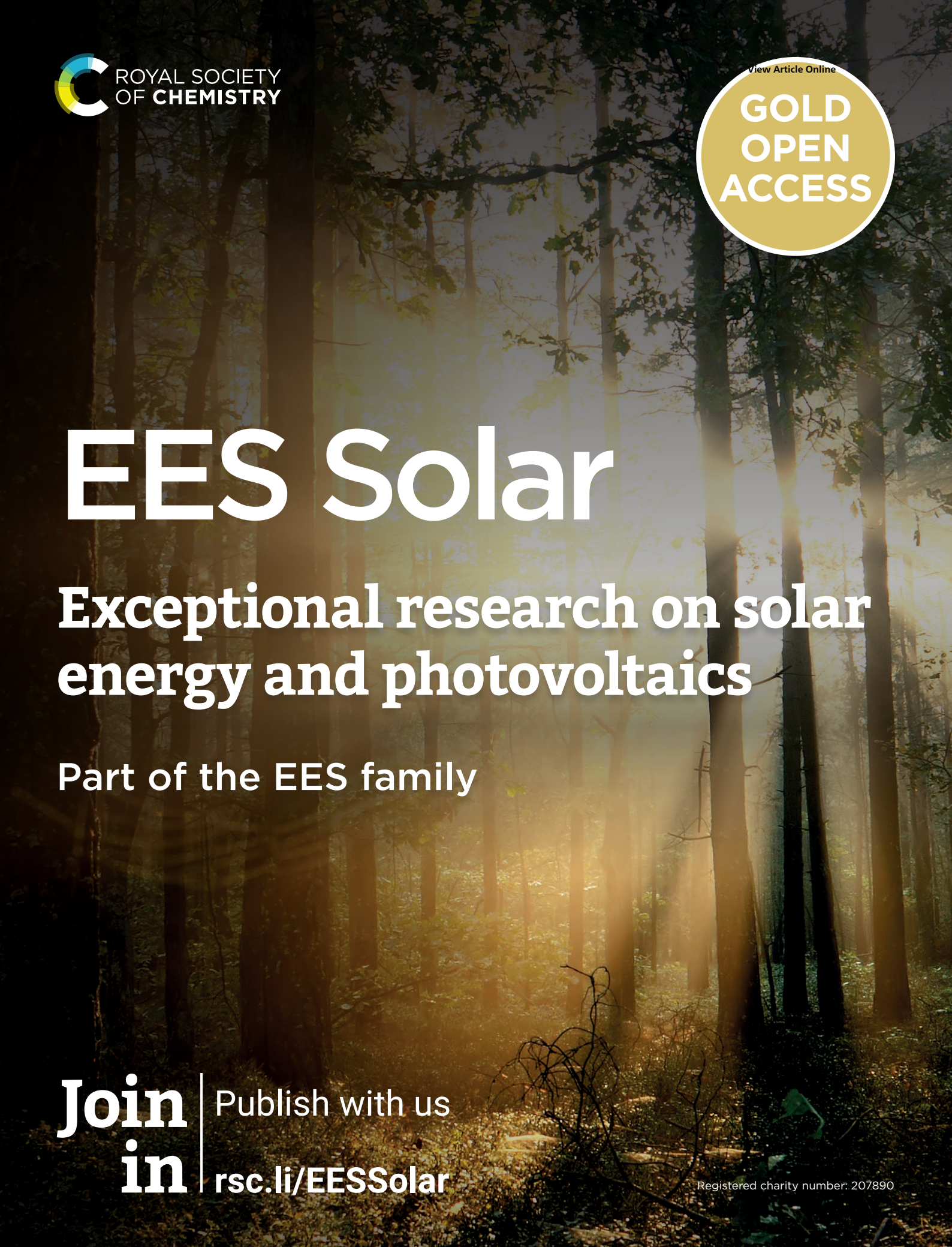
See Patrick van Rijn *et al.*, pp. 628–649. Image reproduced by permission of Maria Koijck®.

CRITICAL REVIEWS



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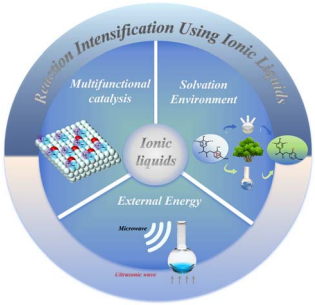
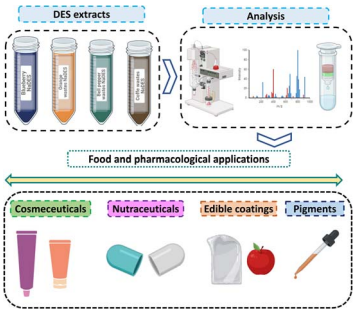
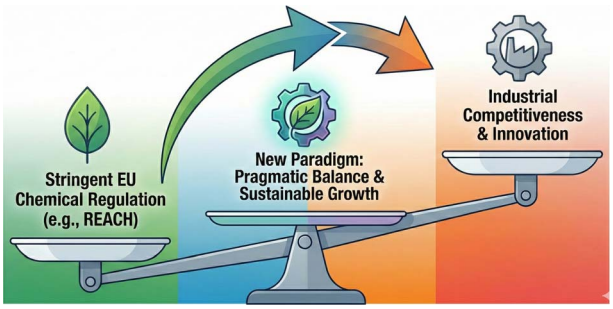




PERSPECTIVES



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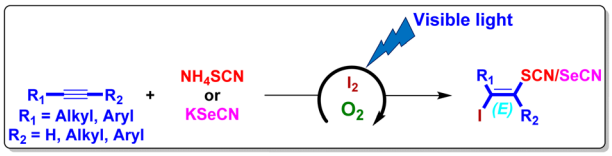

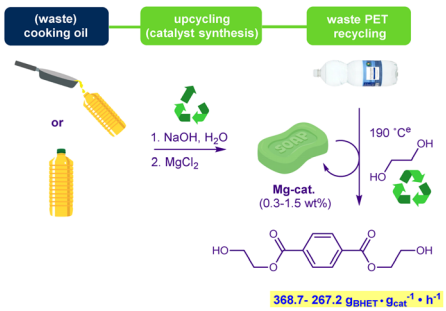

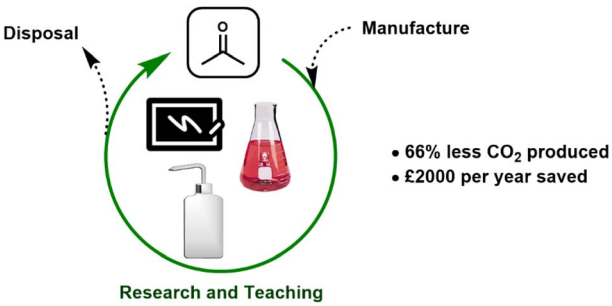

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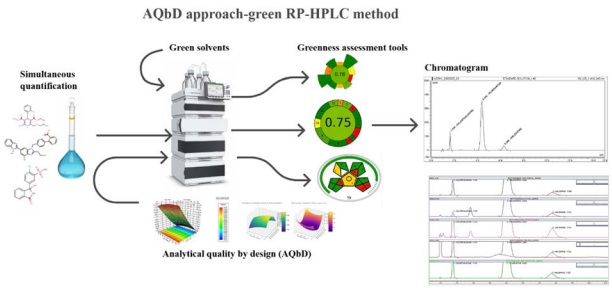

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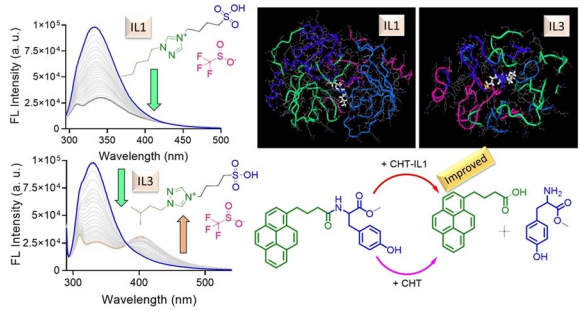

Divergent binding modes direct functional modulation: toward next-generation ionic liquids for enzyme stabilization and biocatalysis

Swapan Patra, Dharmendra Singh* and Nilanjan Dey*

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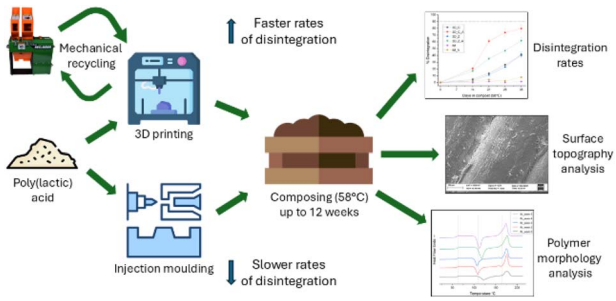

Manufacturing process significantly impacts the rate of degradation of polylactic acid (PLA) under controlled composting conditions

Jennie O'Loughlin, Hannah McDonnell, Robyn Lawless, Susan M. Kelleher, Samantha Fahy, Brian Freeland, Keith D. Rochfort* and Jennifer Gaughran

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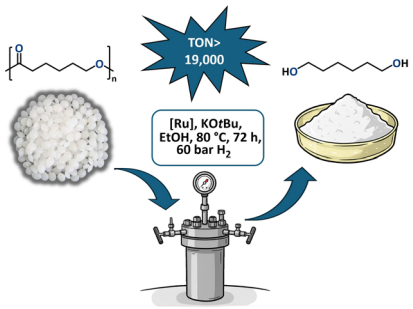

Highly efficient hydrogenative depolymerisation of polycaprolactone to 1,6-hexanediol

Garima Saini, Alejandra Sophia Lozano Perez, Niklas von Wolff and Amit Kumar*

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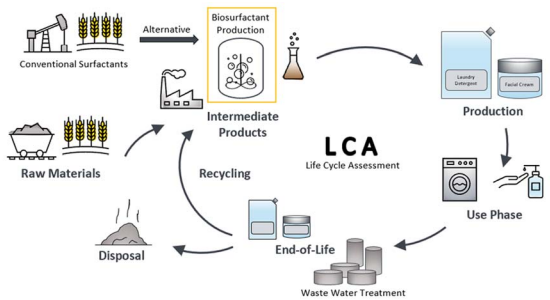

Biosurfactant-containing products from an environmental perspective – life cycle assessment of a liquid laundry detergent and a personal care product

Lea Gavez, Lars Bippus,* Ann-Kathrin Briem and Stefan Albrecht

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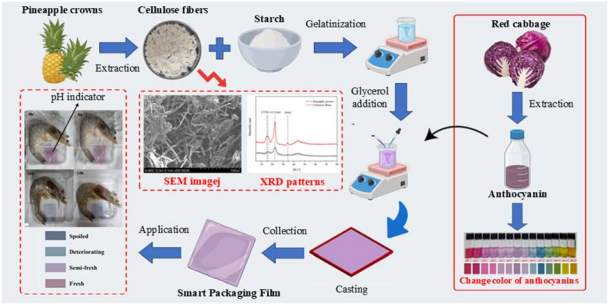

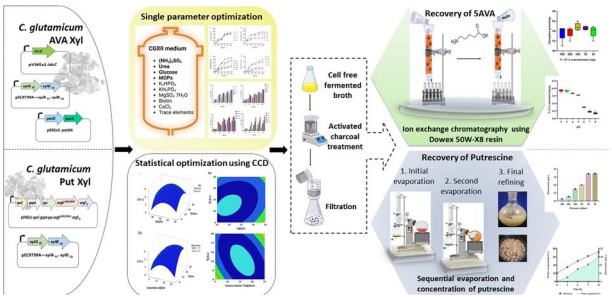

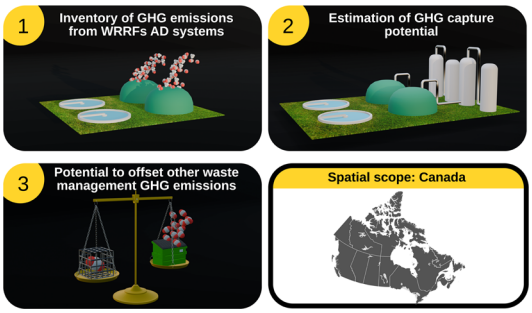

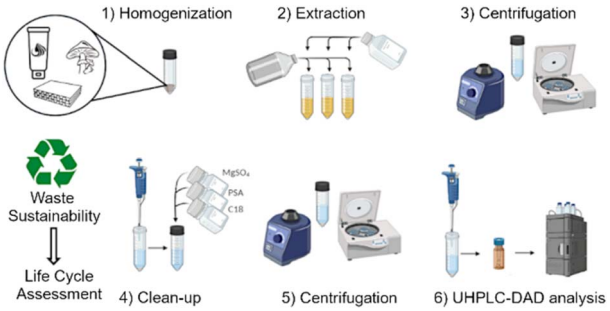

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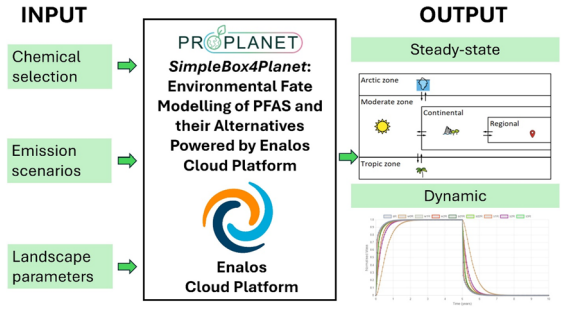

SimpleBox4Planet: environmental fate modelling of PFASs and their alternatives *via* the Enalos Cloud Platform

Dimitris G. Mintis, Constantinos Papavasiliou, Dimitra-Danai Varsou, Andreas Tsoumanis, Georgia Melagraki, Johannes P. Seif, Marc Majó, Alejandro J. del Real, Tommaso Serchi, Roland Hischier, Iseult Lynch and Antreas Afantitis*

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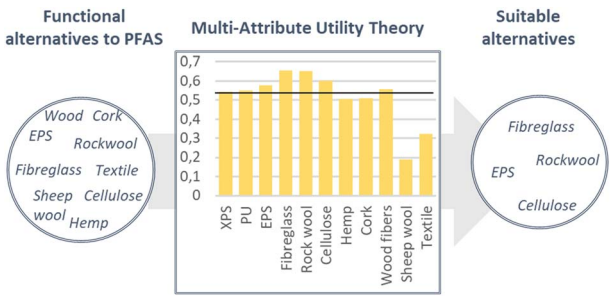

Assessment of functional alternatives to fluorinated foam blowing agents in insulation materials

Romain Figuière,* Olivier Kirik, Rahul Aggarwal, Gregory Peters and Ian T. Cousins

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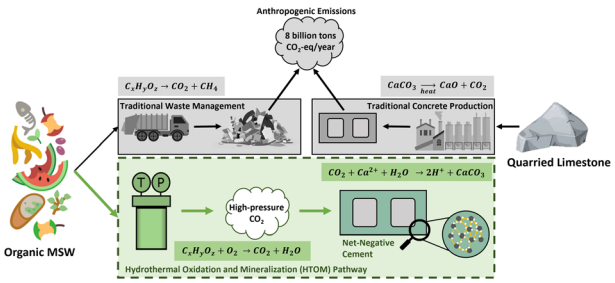

Negative-emission waste-to-concrete *via* tandem supercritical water oxidation and hydrothermal mineralization

David H. Kenney, Andrew M. Charlebois, Shuai Wang, Nima Rahbar, Michael T. Timko and Andrew R. Teixeira*

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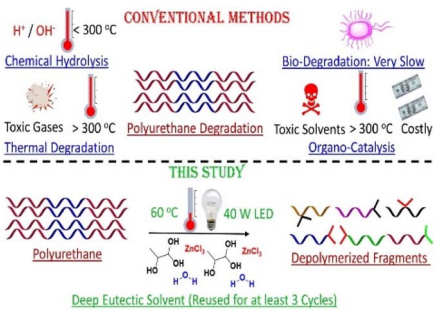

Unprecedently high dissolution and depolymerization of hard-to-dissolve polyurethane in deep eutectic solvents under low-energy white light

Harmandeep Kaur, Rajwinder Kaur, Muskan, Manpreet Singh, Ravi Dutt, Kanica Sharma, Harjinder Singh, Kuldeep Singh, Arvind Kumar, Gurbir Singh and Tejwant Singh Kang*

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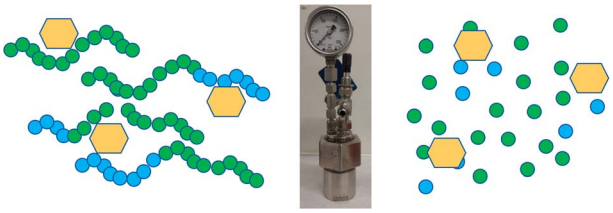

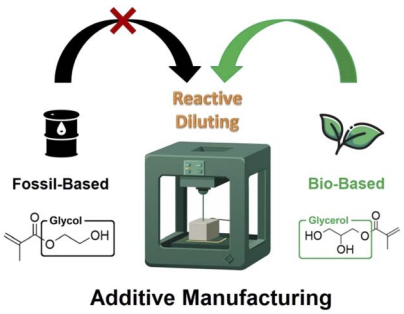

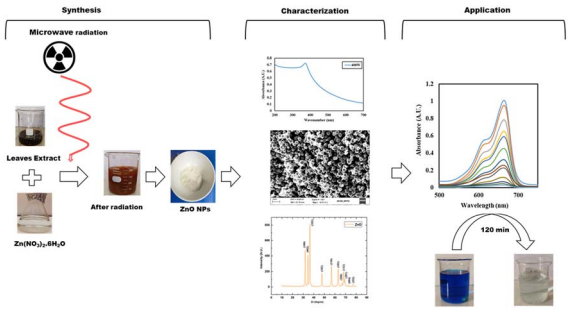

CORRECTION