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ISSN 2753-8125 CODEN RSSUAN 2(4) 725–1166 (2024)



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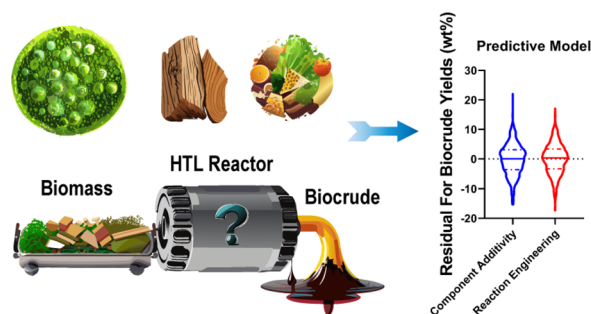
**Inside cover**  
See Jason Y. C. Lim, Vinicius Rosa *et al.*, pp. 881–902. Image reproduced by permission of Vinicius Rosa from RSC. *Sustainability.*, 2024, 2, 881.

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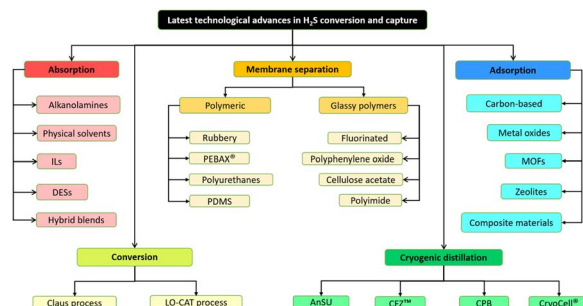
Peter M. Guirguis, Mahadevan Subramanya Seshasayee, Bitu Motavaf and Phillip E. Savage\*



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Muhammad Syahir Aminuddin,\* Mohamad Azmi Bustam and Khairiraihanna Johari\*



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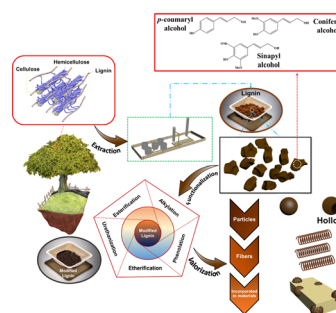
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and Tizazu H. Mekonnen\*

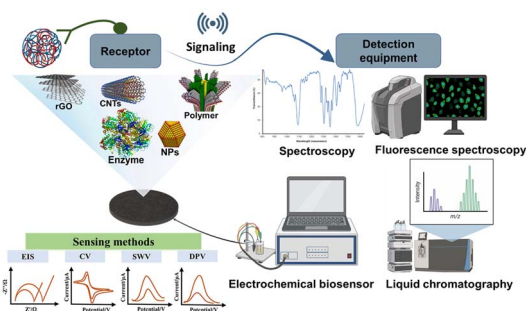
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Anne-Marie Gonçalves, Mandheer Kaur, Ashwani Kumar  
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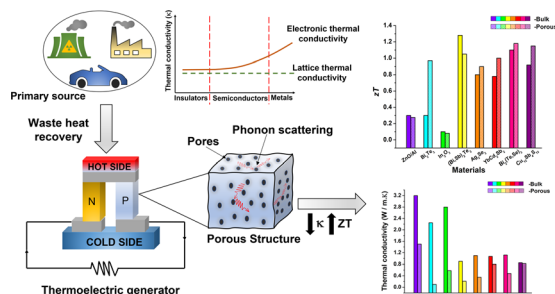
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Anne-Marie Gonçalves, Mandheer Kaur, Ashwani Kumar  
and Baljit Singh\*



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Umar Ijaz, Muhammad Siyar\* and Chan Park\*

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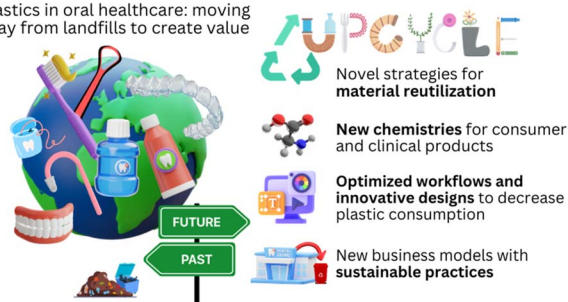
## Gyorgy Szekely\*



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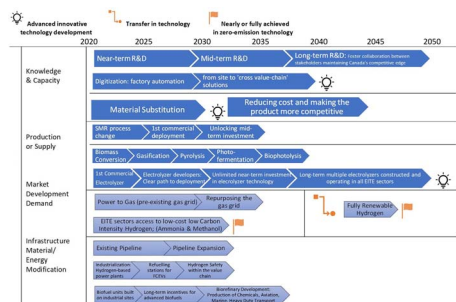
Plastics in oral healthcare: moving away from landfills to create value



## The global burden of plastics in oral health: prospects for circularity, sustainable materials development and practice

Albert Ong, Jerald Y. Q. Teo, David C. Watts, Nikolaos Silikas, Jason Y. C. Lim\* and Vinicius Rosa\*

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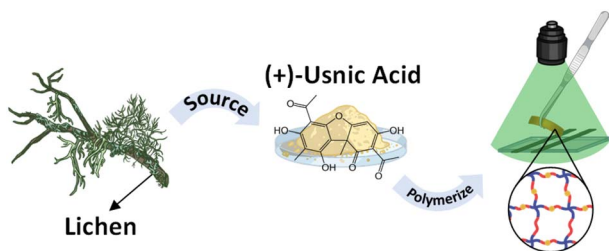


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Anahita Mani, Thomas Budd and Elicia Maine

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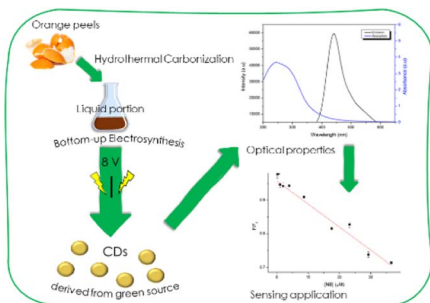


## Photopolymerization of lichen derived usnic acid

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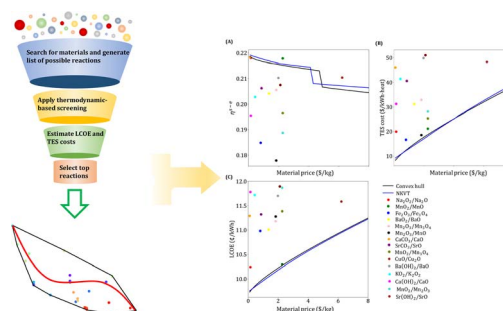




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Ishan Bajaj, Xinyue Peng and Christos T. Maravelias\*



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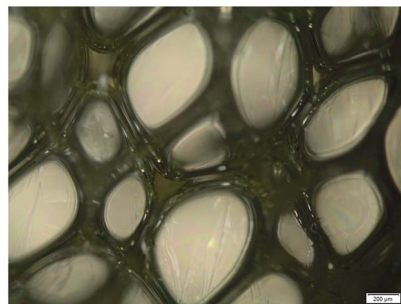
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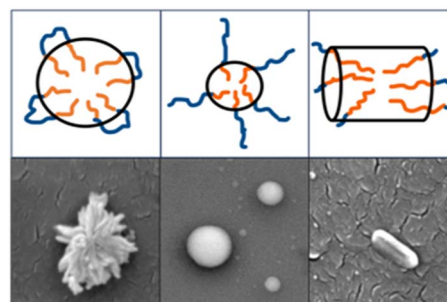
Luiza Fernandes Soares, Júlio César dos Santos, Victor Augusto Araújo de Freitas, Robson Bruno Dutra Pereira, Tulio Hallak Panzera\* and Fabrizio Scarpa\*



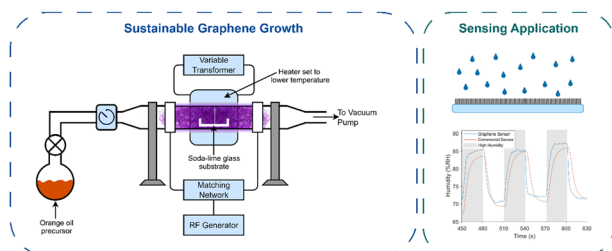
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Natalia Obrzut, Rob Hickmott and Kimberly Gray\*



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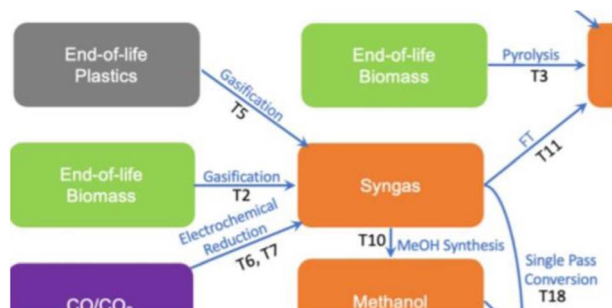
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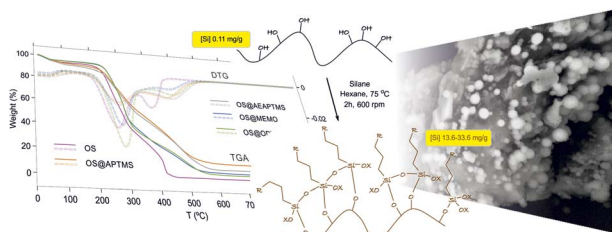
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Edward G. Platt and Peter Styring\*

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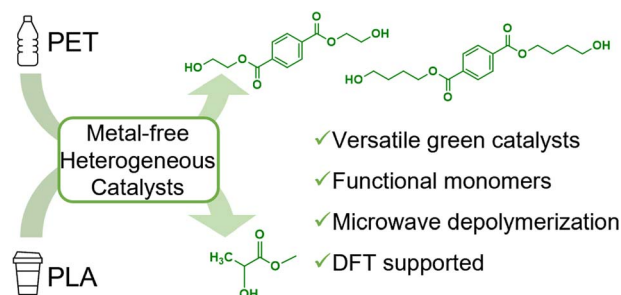
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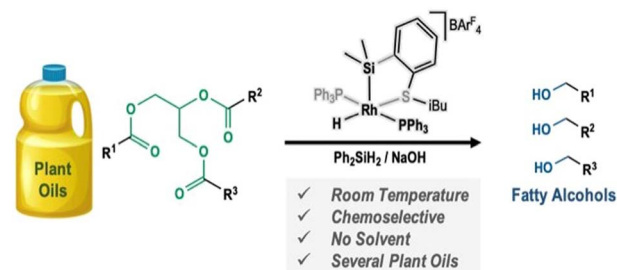
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Albert Rimola, Justin D. Holmes and Gillian Collins\*

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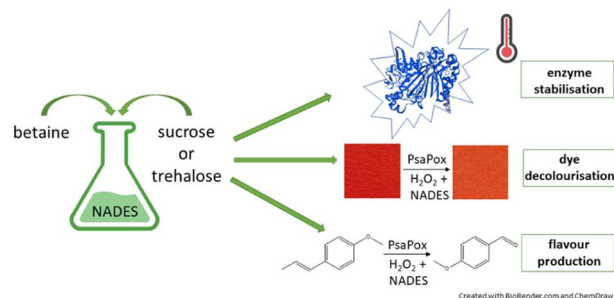
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Amit Kumar\* and Miguel A. Huertos\*



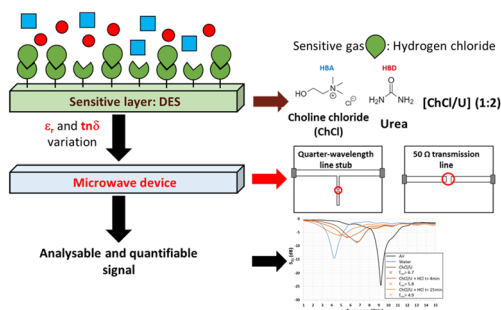
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Maria Garbe,\* Linnea Ute Lutz, Leander Tom Lehmann,  
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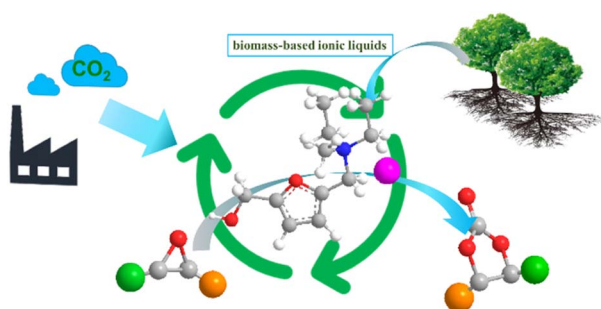


## The use of deep eutectic solvents as a promising approach in the design of microwave-based green gas sensors

Emilie Bertrand,\* Mohamed Himdi, David Rondeau,  
Xavier Castel, Thomas Delhaye and Ludovic Paquin



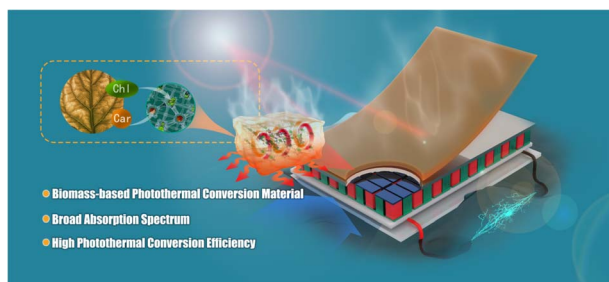
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Kaixin Guo, Na Ji, Feng Han,<sup>\*</sup> Qingfeng Yang, Ning Wang and Chengxia Miao<sup>\*</sup>

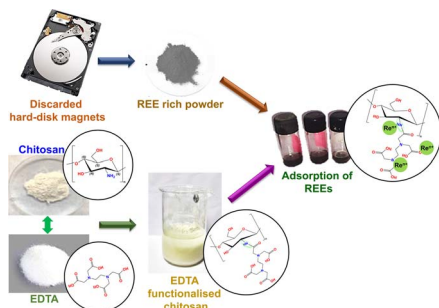
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Zuoyu Wang, Lu Han, Gaolei Xi, Tao Jia,<sup>\*</sup> Yi Liu, Xiao He, Hongxia Wang<sup>\*</sup> and Bin Li<sup>\*</sup>

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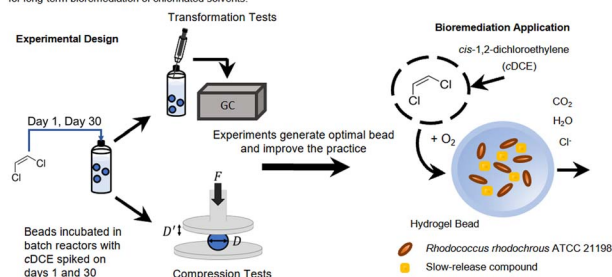


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Shruti Srivastava, Anurag Bajpai, Syed Mohammad Musthaq and Krishanu Biswas<sup>\*</sup>

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### The optimization of poly(vinyl)-alcohol-alginate beads with a slow-release compound for the aerobic cometabolism of chlorinated aliphatic hydrocarbons

Conor G. Harris, Hannah K. Gedde, Audrey A. Davis, Lewis Semprini, Willie E. Rochefort and Kaitlin C. Fogg<sup>\*</sup>



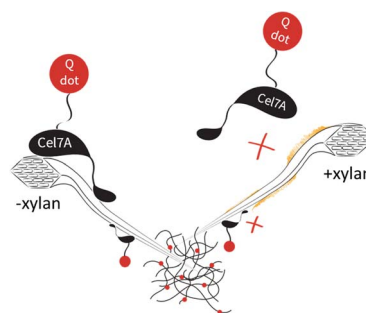


## PAPERS

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**Xylan inhibition of cellulase binding and processivity observed at single-molecule resolution**

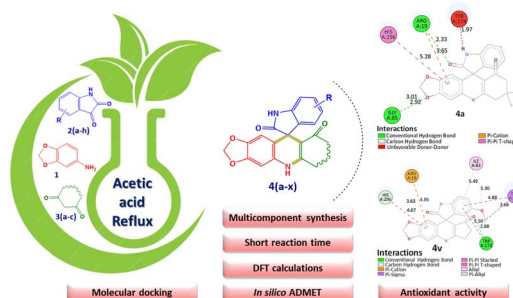
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***In silico* exploration of acetic acid driven multicomponent synthesis: design, characterization, and antioxidant evaluation of spiroacridines and spiroquinolines**

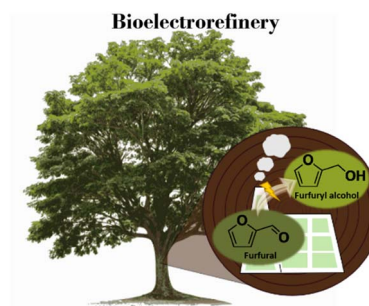
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Van Minh Dinh,\* Santosh Govind Khokarale, Pedro Ojeda May, Tobias Sparrman, Knut Irgum and Jyri-Pekka Mikkola\*

