

RSC Sustainability

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IN THIS ISSUE

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Cover

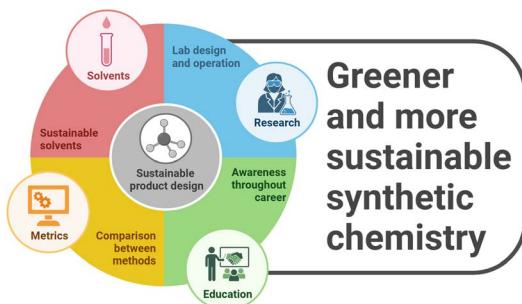
See Vivian M. Merk et al.,
pp. 626–634. Image
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Steven Soini, Taylor Hall and
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Sustainability, 2024, 2, 626.

TUTORIAL REVIEW

578

A tutorial review for research laboratories to support the vital path toward inherently sustainable and green synthetic chemistry

Sarah M. Kernaghan, Tracey Coady, Michael Kinsella and Claire M. Lennon*

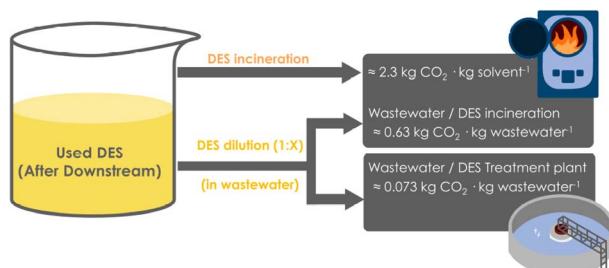


PERSPECTIVE

608

On the fate of deep eutectic solvents after their use as reaction media: the CO₂ production during downstream and ultimate disposal

Pablo Domínguez de María* and Selin Kara*



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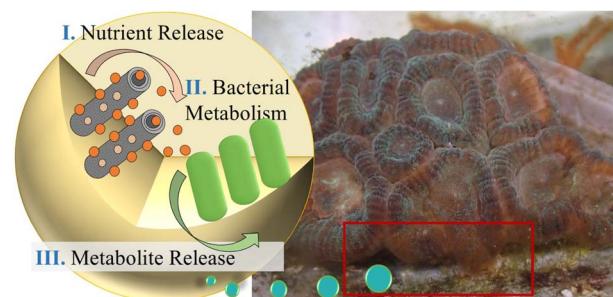


COMMUNICATIONS

616

Sustainable artificial coral reef restoration using nanoclays and composite hydrogel microcapsules

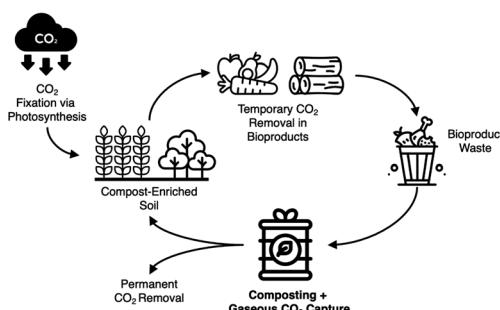
Mohammad Fahimizadeh, Febrianne Sukiato, Kok Lynn Chew, Yang Amri Affendi, Pooria Pasbakhsh,* Joash Ban Lee Tan, R. K. Singh Raman and Peng Yuan



621

Biomass composting with gaseous carbon dioxide capture

Ethan Woods, Vanessa Rondon Berrio, Yaojing Qiu, Perry Berlin, Nicolas Clauser and William Joe Sagues*

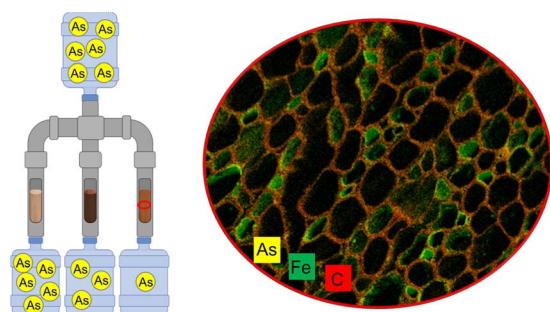


PAPERS

626

Nanocrystalline iron hydroxide lignocellulose filters for arsenate remediation

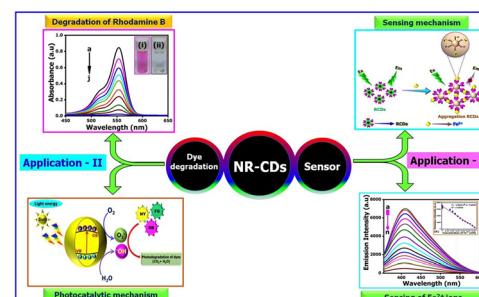
Steven A. Soini, Sofia M. Feliciano, Bobby G. Duersch and Vivian M. Merk*



635

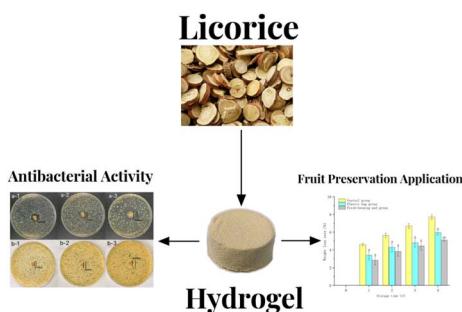
One-pot synthesis of carbon dots from neem resin and the selective detection of Fe(II) ions and photocatalytic degradation of toxic dyes

S. Gokul Eswaran, T. Stalin, D. Thiruppathi, Manivannan Madhu, S. Santhoshkumar, Jolanta Warchol, A. Santhana Krishna Kumar,* Wei-Lung Tseng* and N. Vasimalai*



PAPERS

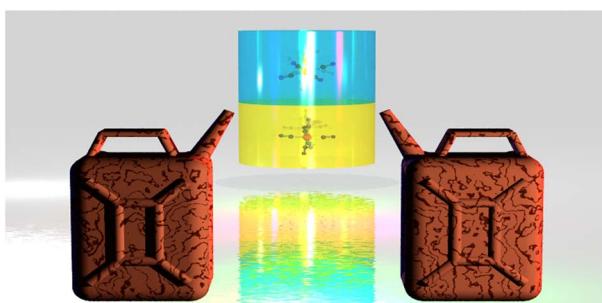
646



An antibacterial hydrogel prepared from a licorice residue extract

Xiaoru Shi, Liqun Wang, Qian Chen, Qijian Zheng, Hongli Chen and Xi Li*

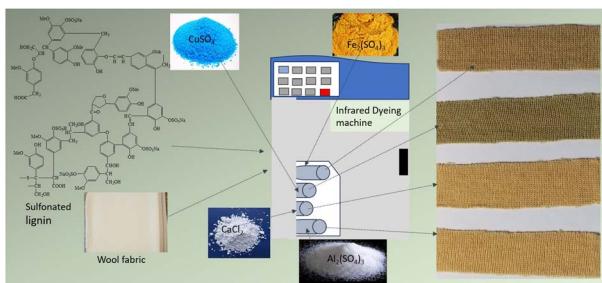
655



Sustainable solvent extraction of gold and other metals with biomass chemicals

Mark R. St.J. Foreman,* Richard K. Johansson, Gloria Mariotti, Ingmar Persson, Behabitu E. Tebikachew and Mikhail S. Tyumentsev

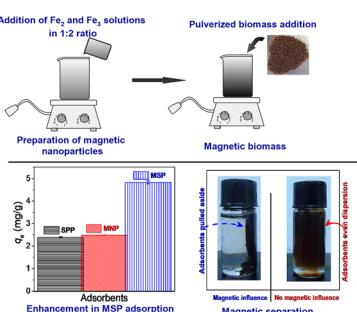
676



Valorisation of sulphonated lignin as a dye for the sustainable colouration of wool fabric using sustainable mordanting agents: enhanced colour yield, colourfastness, and functional properties

Mohammad Mahbubul Hassan*

686



Adsorptive decolorization of dyes in aqueous solution using magnetic sweet potato (*Ipomoea batatas* L.) peel waste

Paul N. Diagboya,* Alexander Odagwe, Henry H. Oyem, Chiadika Omoruyi and Emmanuel Osabohien

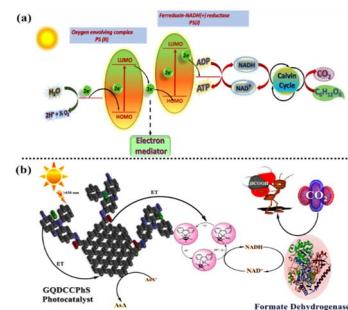


PAPERS

695

Solar-powered CO₂ marvel: ultrahigh graphene quantum dots covalently coupled with PhS unleash effective photocatalysis for valuable chemical transformation

Jyoti Agrawal, Rehana Shahin, Chandani Singh, Satyam Singh, Ravindra K. Shukla, Shaifali Mishra, Pooja Singh, Jin-OoK. Baeg,* Rajesh K. Yadav* and Navneet K. Gupta*



701

How impurities responsible for recalls emerge in hand sanitizers

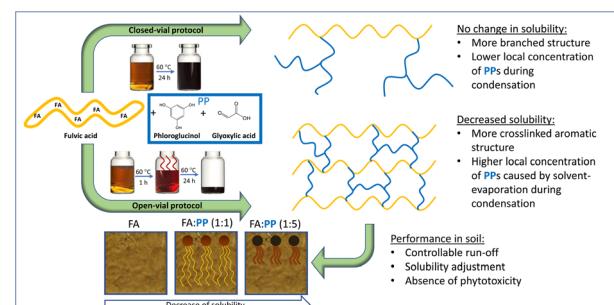
Farsheed Shahbazi-Raz,* Mary A. Egbuta, Bukola R. Aremu, Neda Mashhadi, Paul Tucci, Justin Binder and John F. Trant*



710

Fulvic acid modification with phenolic precursors towards controllable solubility performance

Vitalii Tkachenko, Stefano Ambrosini, Nader Marzban, Ashish Pandey, Sarah Vogl, Markus Antonietti and Svitlana Filonenko*



CORRECTION

721

Correction: A tutorial review for research laboratories to support the vital path toward inherently sustainable and green synthetic chemistry

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