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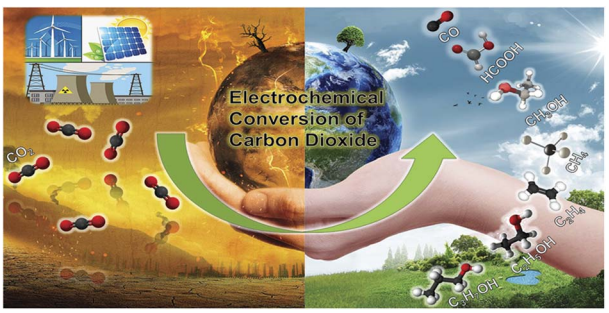
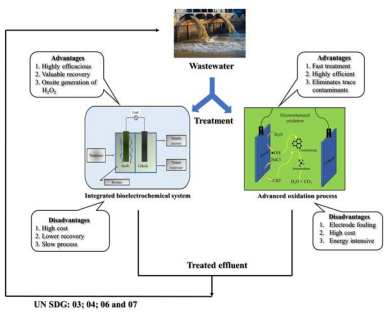
Cover
See Minna Hakkarainen *et al.*, pp. 1967–1981. Image reproduced by permission of Karla Garfias from *RSC. Sustainability.*, 2023, **1**, 1967.

EDITORIAL



CRITICAL REVIEWS



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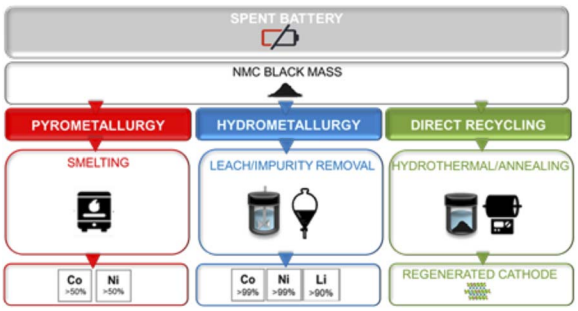
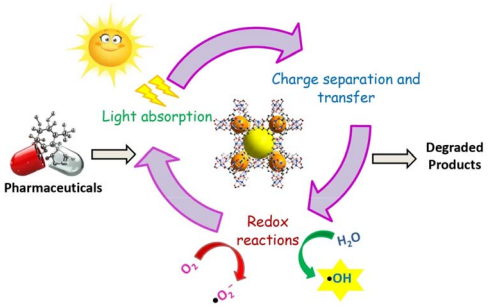
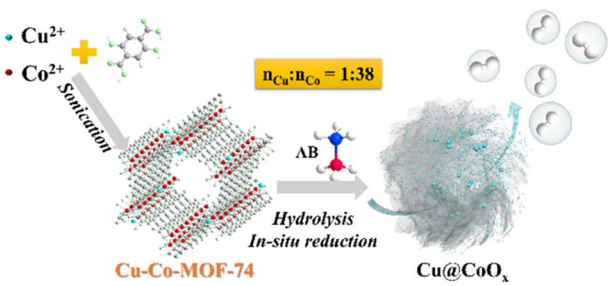
CRITICAL REVIEWS



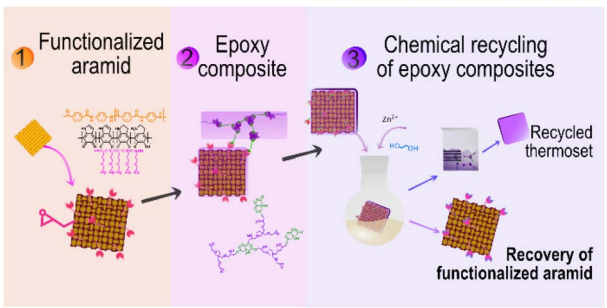
TUTORIAL REVIEW



COMMUNICATION

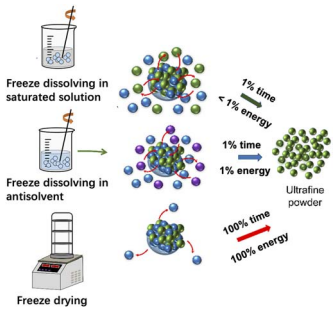


PAPERS



PAPERS

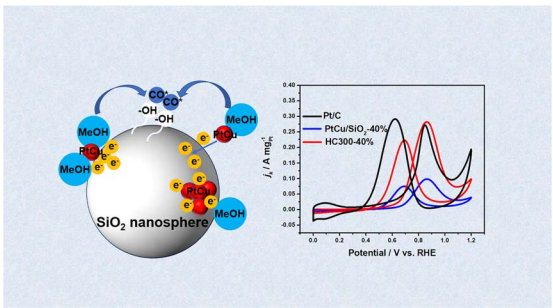
1982



Fast and simple preparation of microparticles of $KHCO_3$ by a freeze-dissolving method with single solvent or additional antisolvent

Jiaqi Luo, Qifan Su, Qiushuo Yu,* Xinyue Zhai, Yuan Zou and Huaiyu Yang*

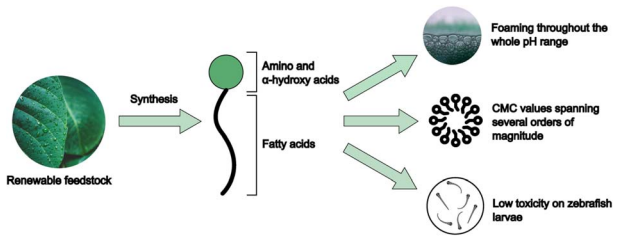
1989



The heat-promoted metal–support interaction of a $PtCu/SiO_2$ carbon-free catalyst for the methanol oxidation and oxygen reduction reactions

Quanqing Zhao, Han Zhi, Liu Yang and Feng Xu*

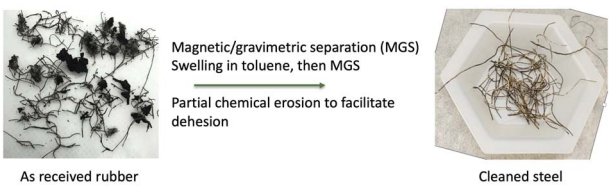
1995



Synthesis, physicochemical characterization and aquatic toxicity studies of anionic surfactants derived from amino and α-hydroxy acids

Demian Kalebic, Koen Binnemans, Peter A. M. de Witte and Wim Dehaen*

2006



Cleaning steel by devulcanizing rubber from used automotive tires

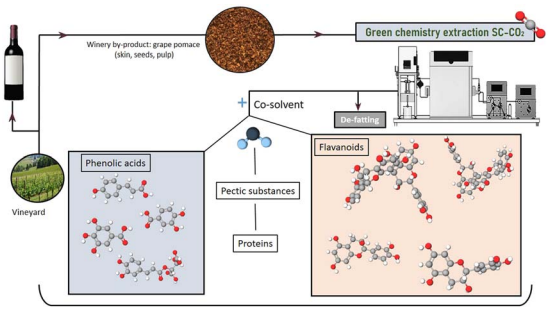
Yang Chen, Saleh Ibrahim, Sijia Zheng, Liam Wittenberg, Spencer Chapple, Griffin LaChapelle, Cheok Hang Iao, Adam Bourke and Michael A. Brook*

PAPERS

2014

Sequential extraction of high-value added molecules from grape pomaces using supercritical fluids with water as a co-solvent

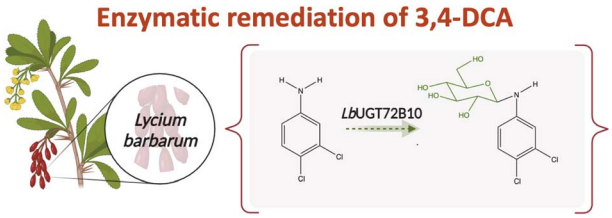
Gayane Hayrapetyan, Karen Trchounian, Laurine Buon, Laurence Noret, Benoît Pinel, Jeremy Lagrue and Ali Assifaoui*



2024

Identification and functional characterization of novel plant UDP-glycosyltransferase (*Lb*UGT72B10) for the bioremediation of 3,4-dichloroaniline

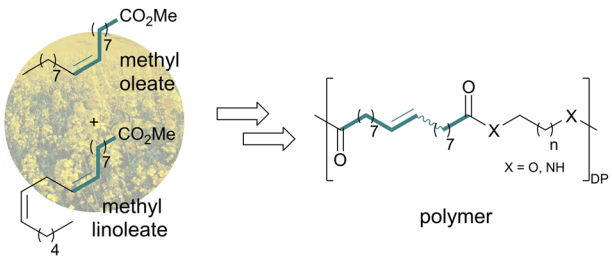
Valeria Della Gala and Ditte Hededam Welner*



2033

Cross-metathesis of technical grade methyl oleate for the synthesis of bio-based polyesters and polyamides

Paweł Krzesiński, Vincent César, Karol Grela, Sergio Santos and Pablo Ortiz*



2038

A sustainable approach for the adsorption of methylene blue from an aqueous background: an adsorbent based on DES/CGS modified GO@ZrO_2

Vishwajit Chavda, Brijesh Patel, Sneha Singh, Darshna Hirpara, V. Devi Rajeswari and Sanjeev Kumar*

PAPERS

2092

An actionable definition and criteria for "sustainable chemistry" based on literature review and a global multisectoral stakeholder working group

Amy Cannon, Sally Edwards, Molly Jacobs, Jonathon W. Moir, Monika A. Roy and Joel A. Tickner*