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Cutting-edge research for a greener sustainable future

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ISSN 1463-9262 CODEN GRCHFJ 27(37) 11275–11548 (2025)

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See Young Jae Jeon, Eilhann E. Kwon *et al.*, pp. 11343–11353.

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Inside cover
See Magno Aparecido Gonçalves Trindade *et al.*, pp. 11354–11364.

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EDITORIAL

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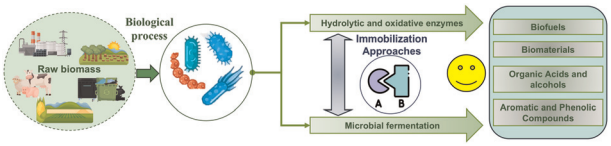
CRITICAL REVIEW



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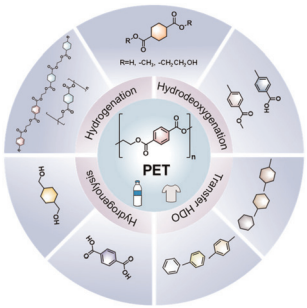
Fundamental questions
Elemental answers

TUTORIAL REVIEW



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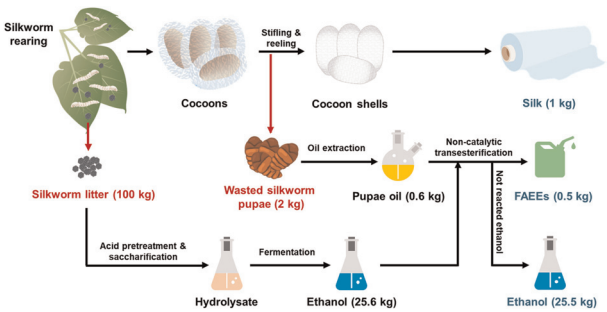

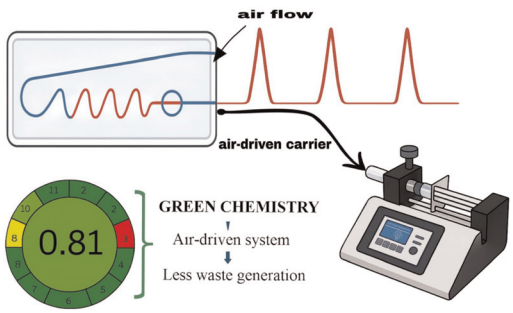

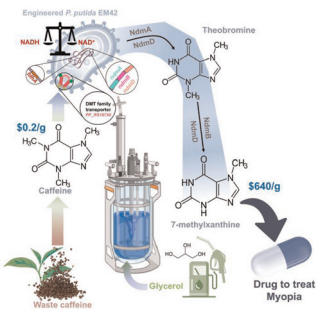

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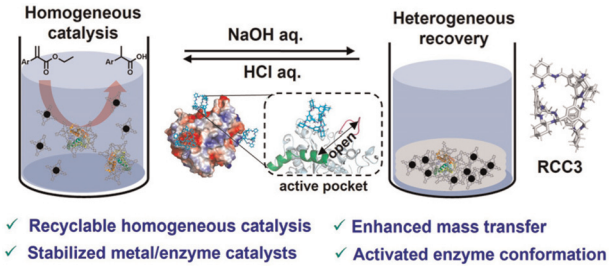
11429

pH-Responsive aqueous homogeneous metal/enzyme catalysis and heterogeneous recovery enabled by organic cages

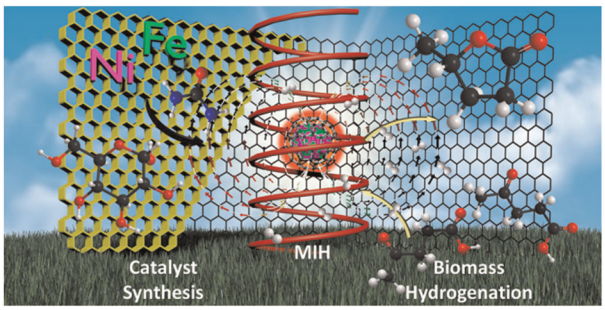
Zhongxu Guo, Shiqi Gao, Pengbo Liu, Yunting Liu* and Yanjun Jiang*



11438

Carbon-encapsulated FeNi nanoparticles for efficient magnetically induced levulinic acid hydrogenation

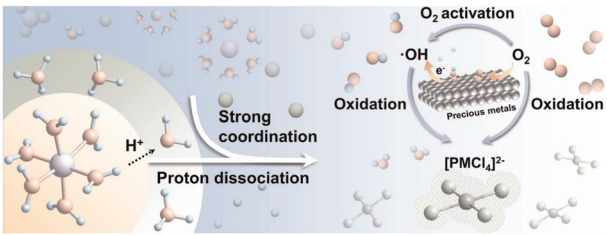
Tatiana Zanette, Adrián García-Zaragoza, Jaime Mazarío, Jordan Santiago Martinez, Bruno Chaudret, Christian Cerezo-Navarrete* and Pascual Oña-Burgos*



11455

Self-initiated radical leaching for green recovery of precious metals

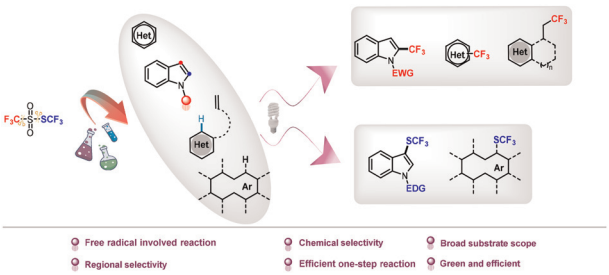
Chenchen Zhu, Anting Ding, Chuanyin Liu, Ming Li and Chengliang Xiao*



11466

Visible-light-driven TTST enables divergent synthesis of trifluoromethylated and trifluoromethylthiolated products through chemo- and regioselectivity

Shuo Li, Hao Zheng, Yuyan Xu, Chuchu Xie, Jie Sun and Zhiwei Chen*



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