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Cover
See Per-Olof Syrén *et al.*, pp. 11147–11163.

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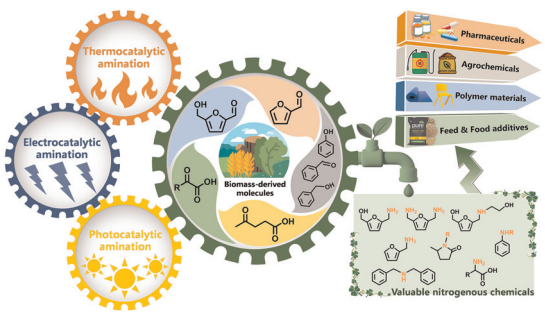
EDITORIAL

CRITICAL REVIEW



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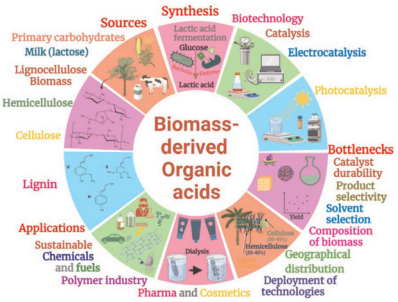
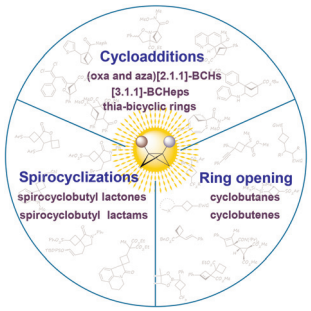
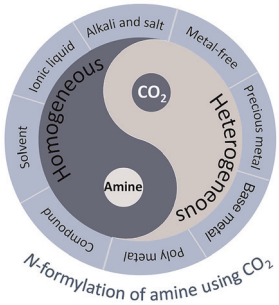
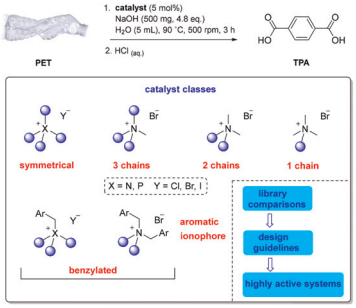






COMMUNICATIONS



COMMUNICATIONS

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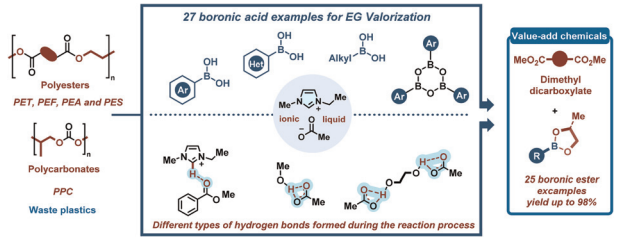

Converting waste PET into dimethyl terephthalate and diverse boronic esters under metal-free conditions

Minghao Zhang, Yunkai Yu, Zhuo Wang, Shaoyu Zhang, Xiong Gao, Jiaming Liu, Jing Li, Weixiang Wu and Qingqing Mei*

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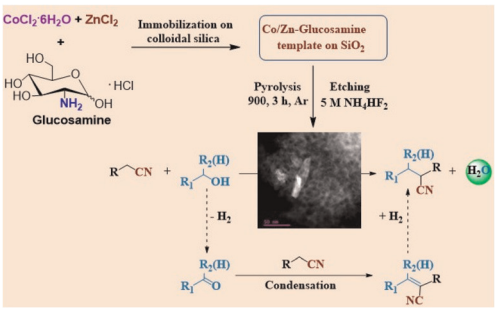

Reusable Co-catalysts for general and selective α-alkylation of nitriles with alcohols

Zhuang Ma, Zechen Wu, Carsten Kreyenschulte, Stephan Bartling, Henrik Lund, Matthias Beller* and Rajenahally V. Jagadeesh*

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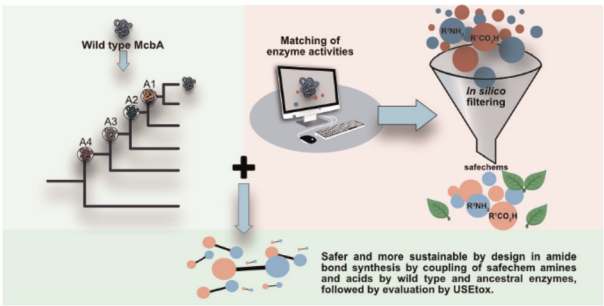

Toward safer and more sustainable by design biocatalytic amide-bond coupling

Elisabeth Söderberg, Kerstin von Borries, Ulf Norinder, Mark Petchey, Ganapathy Ranjani, Swapnil Chavan, Hanna Holmquist, Magnus Johansson, Ian Cotgreave, Martin A. Hayes, Peter Fantke and Per-Olof Syrén*

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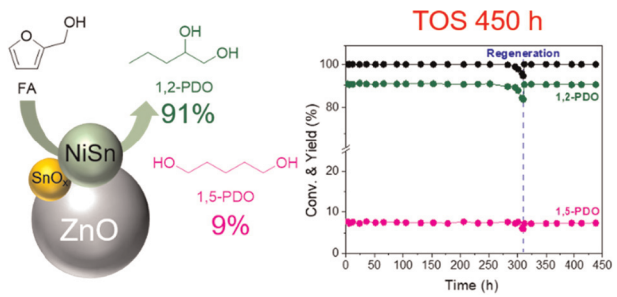

Continuous production of 1,2-pentanediol from furfuryl alcohol over highly stable bimetallic Ni–Sn alloy catalysts

Ajaysing S. Nimbalkar, Kyung-Ryul Oh, Do-Young Hong, Byung Gyu Park, Maeum Lee, Dong Won Hwang, Ali Awad, Pravin P. Upare,* Seung Ju Han* and Young Kyu Hwang*

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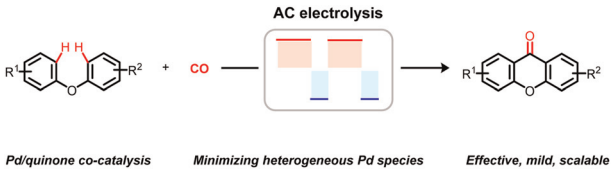

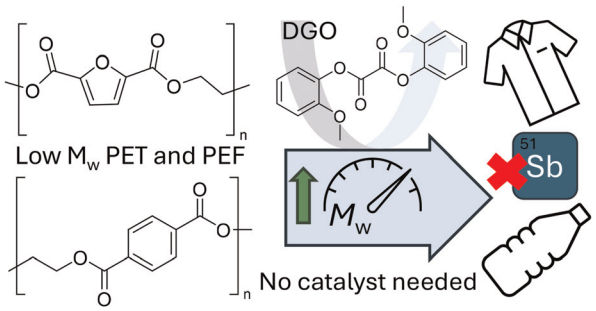

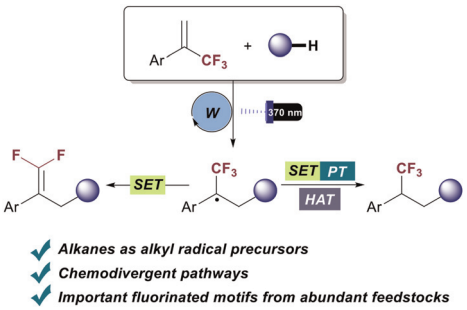

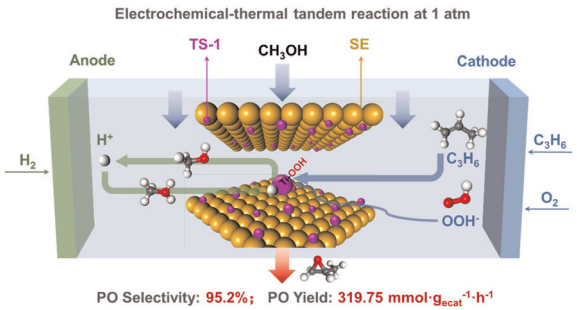

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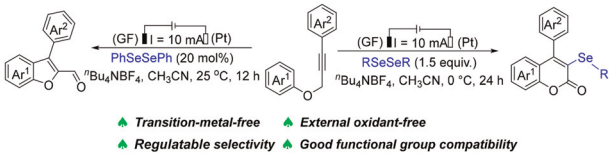
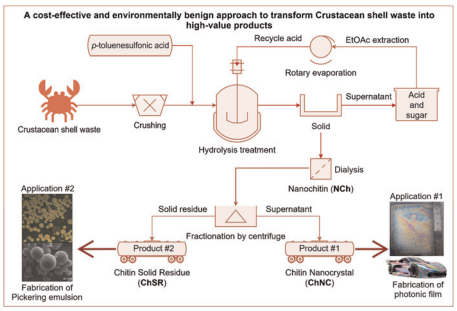


Regulatable selective synthesis of benzofurans and coumarins from aryl propargyl ethers *via* an electrochemical tandem cyclization reaction

Zhaoyue Feng, Xueyi Guan, Haiyang Ma, Yingsibing Fan, Ping Liu* and Peipei Sun*

11222



Production of nanochitins *via* a shell biorefinery process for self-assembly applications as photonic films and Pickering emulsions

Xuhai Zhu, Fuyan Peng, Hui Li, Rongjun Lin, Rui Lu and Fang Lu*

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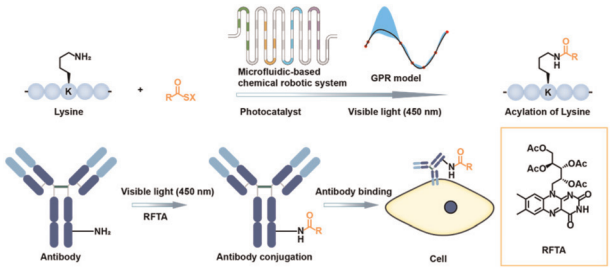

Photocatalytic acylation of lysine screened using a microfluidic-based chemical robotic system

Zhanfeng Hou, Chuan Wan, Heming Jiang, Yuena Wang, Yun Xing, Jinpeng Wang, Zhihong Liu, Xiaochun Guo, Yuhao An, Wei Han, Rui Wang,* Xinhao Zhang,* Feng Yin* and Zigang Li*

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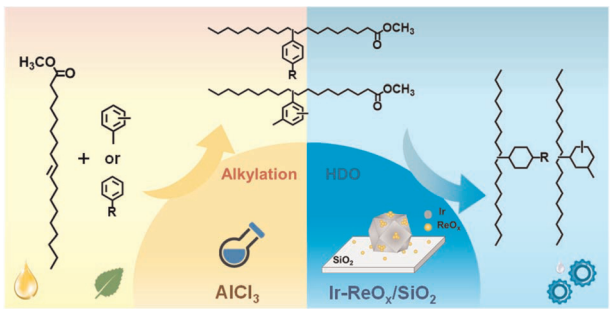

Catalytic synthesis of renewable lubricant base oils with methyl oleate and aromatics

Binbin Zhou, Nan Wang, Sibao Liu* and Guozhu Liu*

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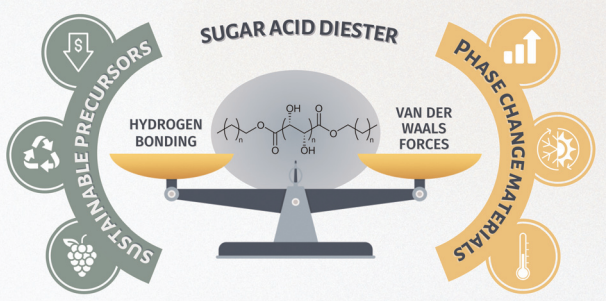

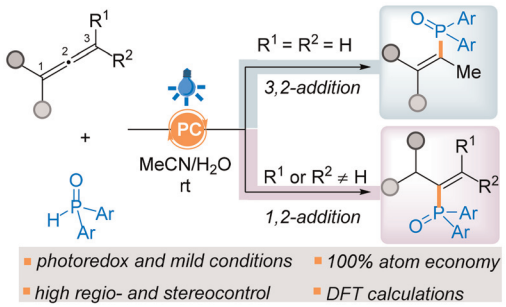

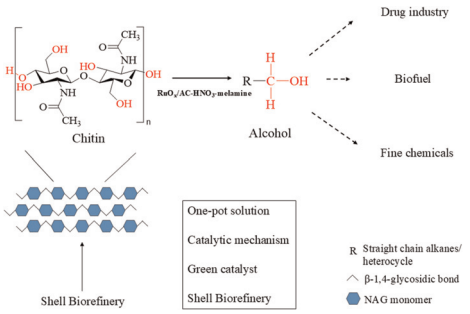

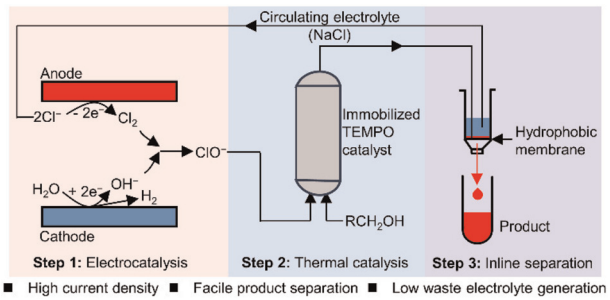

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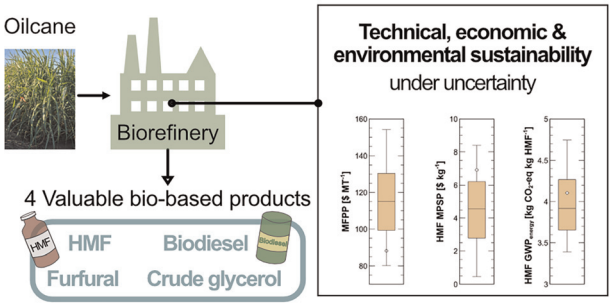

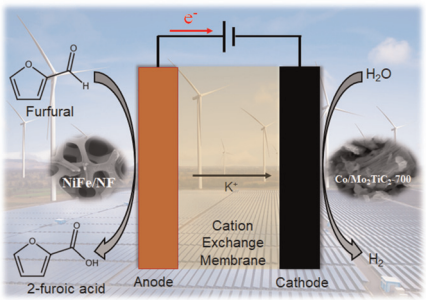

CORRECTION