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Inside cover

See Wenyu Wu Klingler *et al.*, pp. 10422–10433.

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EDITORIAL

10364

Guidelines for the new Green Foundation box

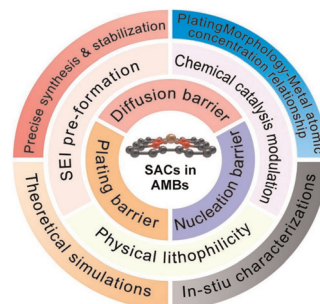


CRITICAL REVIEW

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Prospects of single atom catalysts for dendrite-free alkali metal batteries

Huihua Li, Jian Wang,* Jing Zhang, Lujie Jia, Hongxu Qu, Qinghua Guan, Huang Zhang* and Hongzhen Lin*



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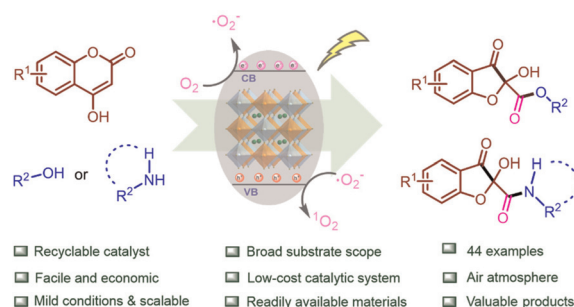
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COMMUNICATIONS

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Sustainable photocatalytic synthesis of 2-hydroxybenzofuran-3(2H)-ones using lead-free $\text{Cs}_2\text{AgBiBr}_6$ nanocrystals

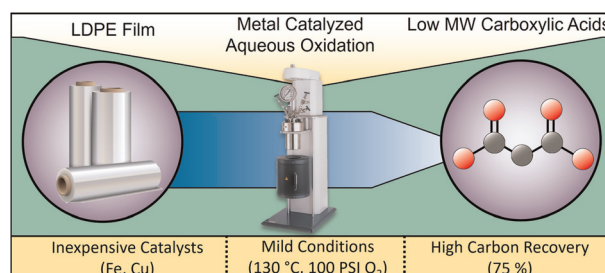
Haibo Zhu, Ting Zhong, Liu Yang, Yajing Shen,*
Qiangwen Fan,* Zhanggao Le and Zongbo Xie*



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Mild aqueous metal catalyzed oxidative conversion of low-density polyethylene to low molecular weight aliphatic carboxylic acids

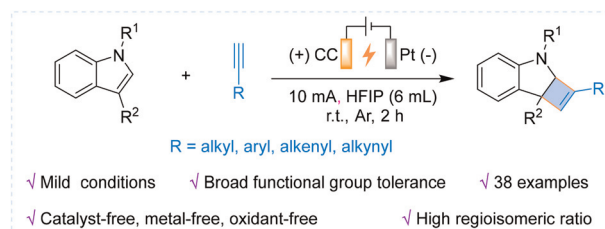
Oleg Davydovich, Hemant Choudhary,
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Ryan D. Davis, Nathan R. Bays, David P. Schafer and
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Jingjing Zi, Huiling Tang, Dongyin Wang, Meng Li,
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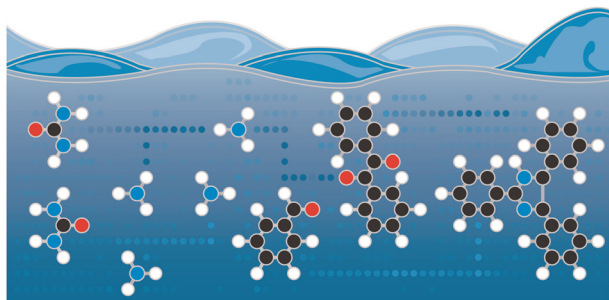
Biocatalysis as a versatile tool for macrolactonization: comparative evaluation of catalytic and stoichiometric approaches

Javier Guerrero-Morales and Shawn K. Collins*



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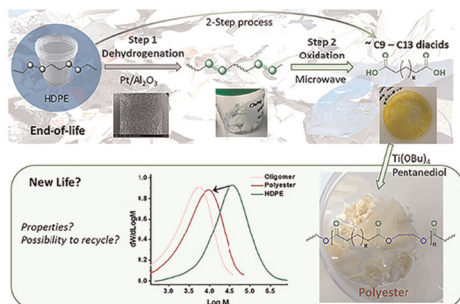
10411



High-temperature water unlocks urea as nitrogen-source towards imidazoles

Fabián Amaya-García,* Lena Schittenhelm and Miriam M. Unterlass*

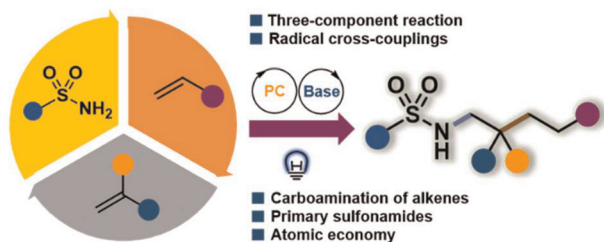
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A facile methodology for side- and upcycling of HDPE waste *via* partial creation of unsaturated double bonds

Wenyu Wu Klingler,* Lucie Perret, Patrick Rupper, Sandro Lehner, Xiaoyu Zhou, Henrik Eliasson, Rico Muff, Manfred Heuberger and Sabyasachi Gaan

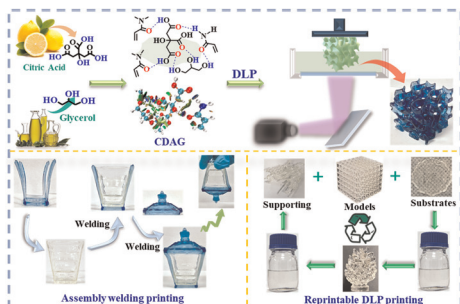
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Catalytic three-component carboamination of unactivated alkenes with primary sulfonamides

Ying Zhang, Kai-Dian Li, Chang-Quan Zhou, Zhi-Xi Xing and Huan-Ming Huang*

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High-biobased polymerizable deep eutectic solvents for sustainable DLP printing: assembly welding and reprintable printing

Meiting Liu, Guixin Zhang, Yun Hu, Caiying Bo, Yan Dai, Lihong Hu,* Guoqiang Zhu* and Yonghong Zhou

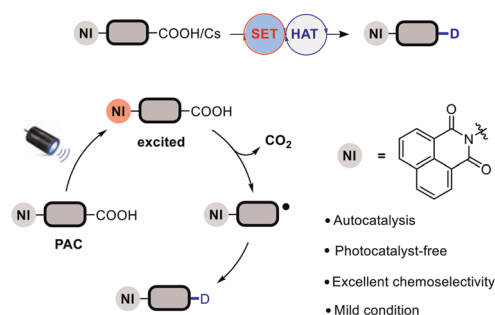


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Catalyst-free decarboxylative deuteration using tailored photoredox-active carboxylic acids

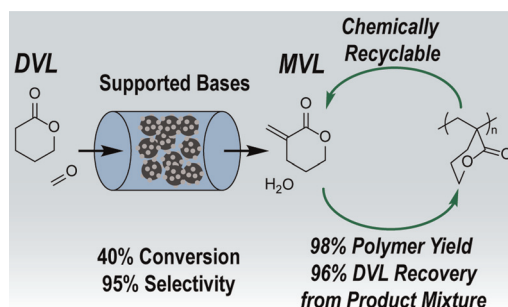
Shuai Liu, Hongze Liao,* Bin Chen, Tengyu Guo, Zhizhen Zhang* and Houwen Lin*



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Synthesis of α -methylene- δ -valerolactone and its selective polymerization from a product mixture for concurrent separation and polymer production

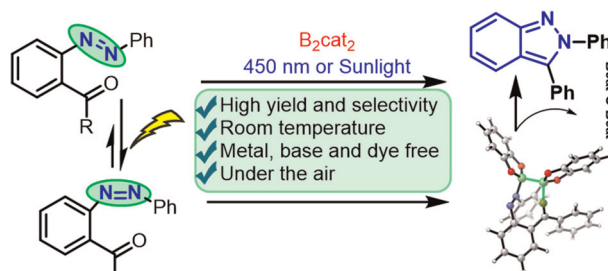
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Direct deoxygenative C–N coupling to construct indazole under visible light

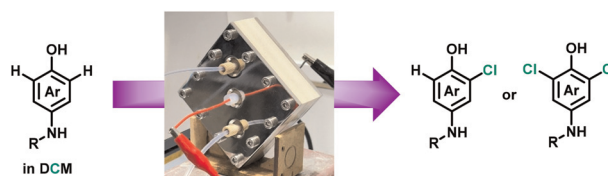
Xinluo Song, Lingfeng Yin, Subin Hao, Yu Wang, Yanqi Chen, Cheng Ma, Ming-De Li* and Li Dang*



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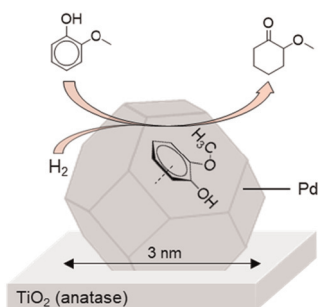
Scalable catalyst free electrochemical chlorination of aminophenol derivatives enabled by a quasi-divided cell approach

Bhanwar K. Malviya, Gabriele Laudadio, C. Oliver Kappe and David Cantillo*



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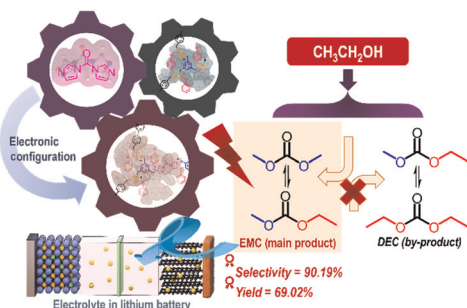
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Selective hydrogenation of guaiacol to 2-methoxycyclohexanone over supported Pd catalysts

Yota Taniwaki, Yoshinao Nakagawa,* Mizuho Yabushita and Keiichi Tomishige*

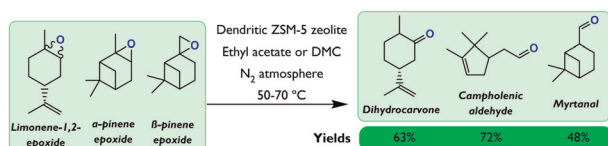
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The role of interactions between the cationic backbone and basic anions in green and ultra-selective catalytic synthesis of ethyl methyl carbonate in tunable ionized frameworks

Jie Chen, Jingjun Xie, Xiaoyan Chen, Rong Dong, Xue-Hui Ge* and Ting Qiu*

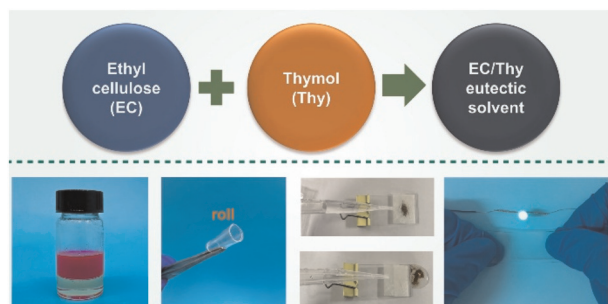
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Dendritic ZSM-5 zeolites as highly active catalysts for the valorization of monoterpene epoxides

Luis A. Gallego-Villada,* Jennifer Cueto, María del Mar Alonso-Doncel, Päivi Mäki-Arvela, Edwin A. Alarcón, David P. Serrano* and Dmitry Yu. Murzin*

10529



Innovative green synthesis of hydrophobic covalent networks using ethyl cellulose/thymol eutectic systems

Ren'ai Li, Chen Su, Mengqing Li and Yunfeng Cao*

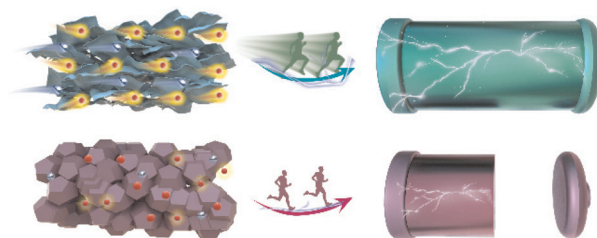


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Fast-charging 2D phosphate cathodes *via* green exfoliation: low steric hindrance and efficient Na⁺ transport

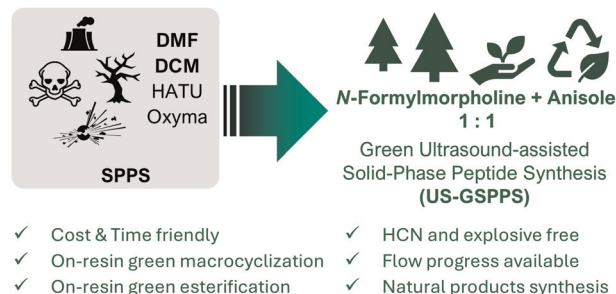
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Green solvent mixture for ultrasound-assisted solid-phase peptide synthesis: a fast and versatile method and its applications in flow and natural product synthesis

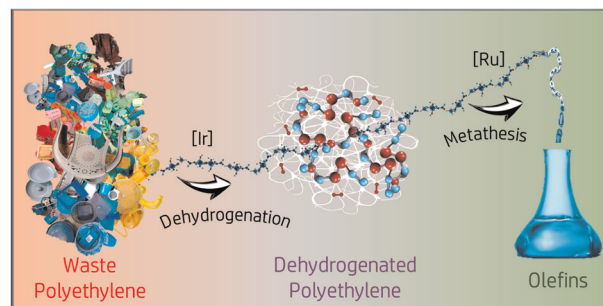
Jingyuan Liao, Renrong Zhang, Xuelei Jia,
Meiling Wang, Chaoyi Li, Juntao Wang, Renjin Tang,
Junrong Huang,* Hengzhi You* and Fen-Er Chen*



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Depolymerization of waste polyethylene to linear alkenes *via* sequential dehydrogenation and metathesis

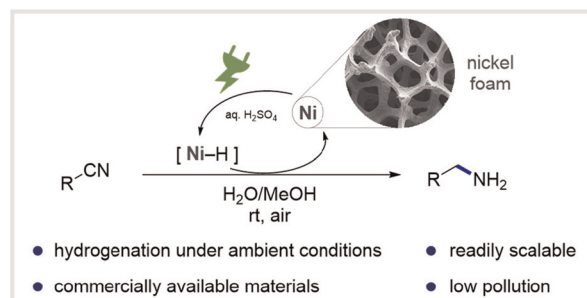
Kishor V. Khopade, Nikhita S. Rajput,
Raghavendrakumar Rangappa, Nagaraju Barsu* and
Samir H. Chikkali*



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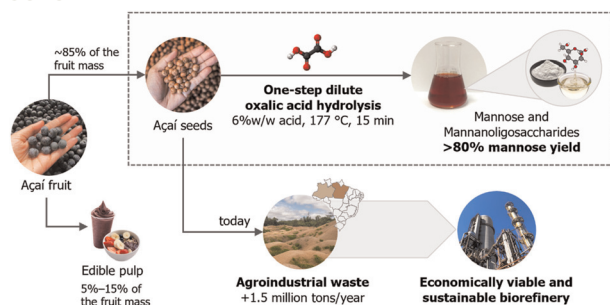
Practical electrochemical hydrogenation of nitriles at the nickel foam cathode

Rok Narobe, Marcel Nicolas Perner, María de Jesús Gálvez-Vázquez, Conrad Kuhwald, Martin Klein,
Peter Broekmann, Sina Rösler, Bertram Cezanne and
Siegfried R. Waldvogel*



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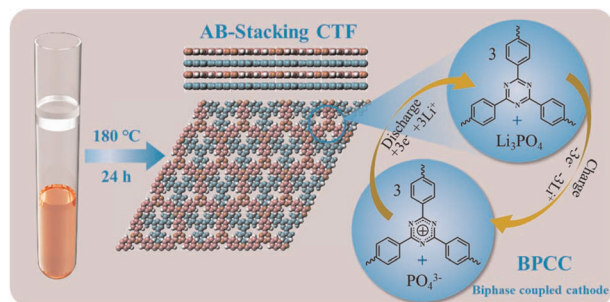
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From açai (*Euterpe oleracea* Mart.) waste to mannose and mannanoligosaccharides: a one-step process for recalcitrant mannan depolymerization using dilute oxalic acid

Fernanda Thimoteo Azevedo Jorge,
Ingrid Santos Miguez, George Victor Brigagão and
Ayla Sant'Ana da Silva*

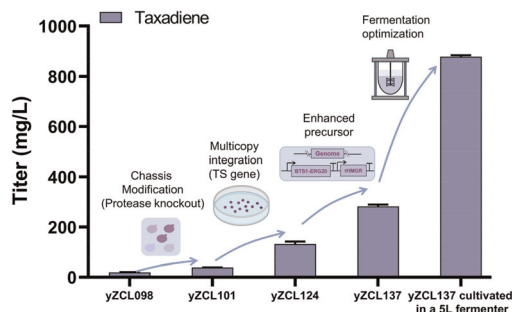
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A biphasic coupled cathode enables all-organic rocking-chair lithium ion batteries based on crystalline AB-stacked covalent triazine-based frameworks

Xiaorong Yan, Guoqing Zhao, Chuanguang Wu,
Yujie Dai, Jiakui Xiong, Xinyu Wang, Haiping Yu,
Zhihui Wang, Rui Li, Jingru Liu, Mingjun Hu* and
Jun Yang*

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Improving the expression of taxadiene synthase to enhance the titer of taxadiene in *Saccharomyces cerevisiae*

Chenglong Zhang, Jia Wang, Yi Shi, Nan Wu, Xia Li,
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EXPRESSION OF CONCERN

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Expression of concern: Preparation of polydopamine sulfamic acid-functionalized magnetic Fe₃O₄ nanoparticles with a core/shell nanostructure as heterogeneous and recyclable nanocatalysts for the acetylation of alcohols, phenols, amines and thiols under solvent-free conditions

Hojat Veisi,* Sepideh Taheri and Saba Hemmati



CORRECTION

10618

Correction: Catalyst-free decarboxylative deuteration using tailored photoredox-active carboxylic acids

Shuai Liu, Hongze Liao,* Bin Chen, Tengyu Guo, Zhizhen Zhang* and Houwen Lin*

