

Green Chemistry

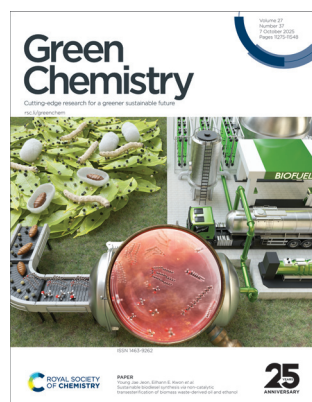
Cutting-edge research for a greener sustainable future

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Chemistry finds green pastures in Spain

Pedro Lozano,* Arjan W. Kleij* and Eduardo García-Verdugo*

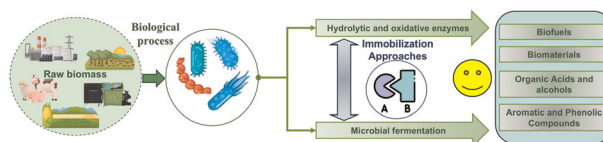


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Mohamed E. Hassan, Xuhai Zhu, Evanildo F. de Souza, Jr., Magdy M. Elnashar and Fang Lu*



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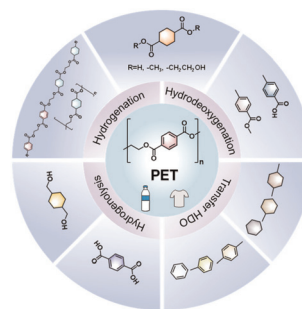
**Fundamental questions
Elemental answers**

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Jingyu Liu, Shuyan Yi, Jingwen Cheng and Sibao Liu*

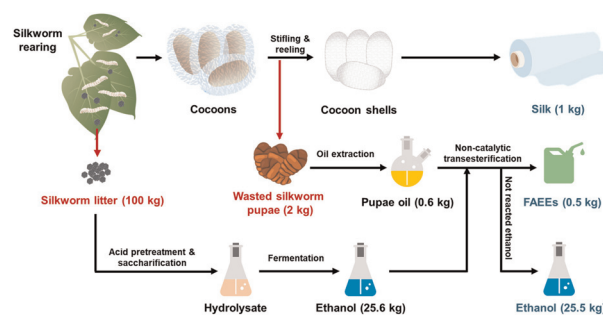


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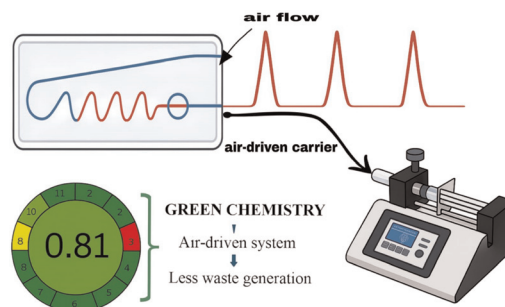
Jee Young Kim, Dohee Kwon, Jun Ho Yim, Youngju Kim, Young Jae Jeon* and Eilhann E. Kwon*



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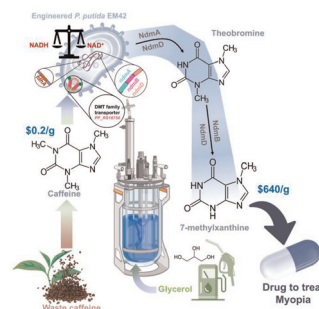
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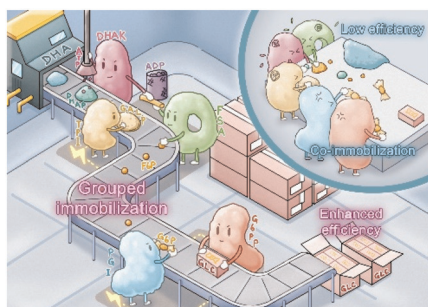
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Bhagya Jayantha, Shuyuan Zhang, Ryan M. Summers, Gamini P. Mendis and Lahiru N. Jayakody*



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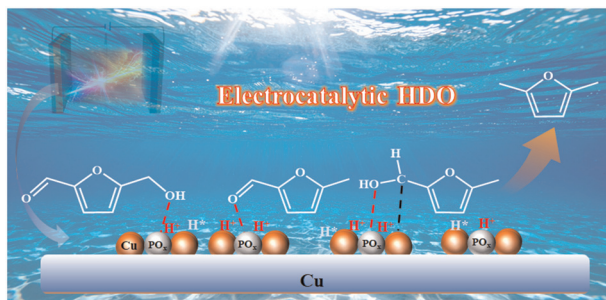
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Boosting multi-enzyme cascade activity for glucose biosynthesis by kinetics-oriented grouped immobilization

Ruobing Xin, Yuyao Wang, Qiang Chen,*
Jiangang Yang,* Yujun Wang* and Guangsheng Luo

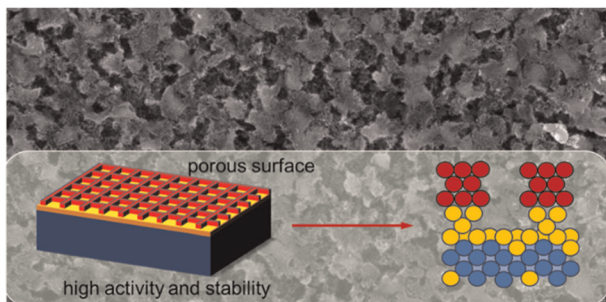
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Yiwei Zhao, Chao Zhang,* Zuhang Jin, Cheng Tao and Tingting Xiao

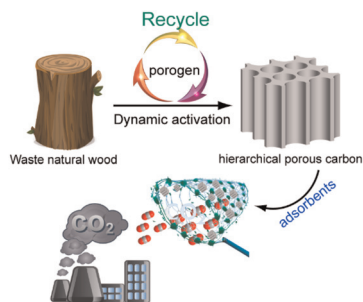
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Nanoporous Ti layer encapsulating stainless steel for alkaline water electrolysis: superior electrocatalytic and structural stability under industrially relevant conditions

Peizong Duan, Kai Zhao, Xiaoyi Jiang, Yuchen Liu, Le Ke, Xiude Wang, Liuyuan Ran, Xian-Zong Wang and Ning Yan*

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Weiwei Shi, Yanzhen Guo, Qixin Lu, Haitao Li, Yachao Liang, Faxue Ma, Baocheng Yang and Binbin Chang*

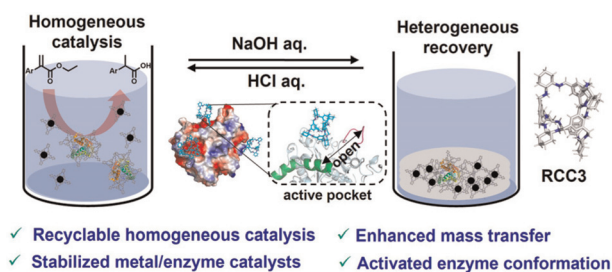


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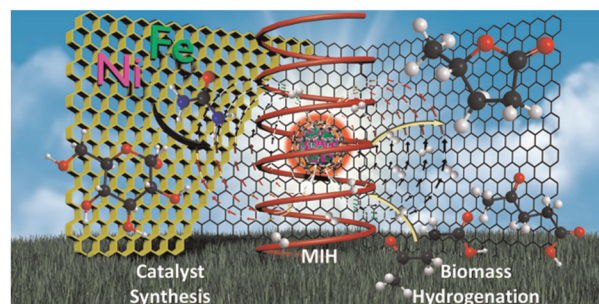
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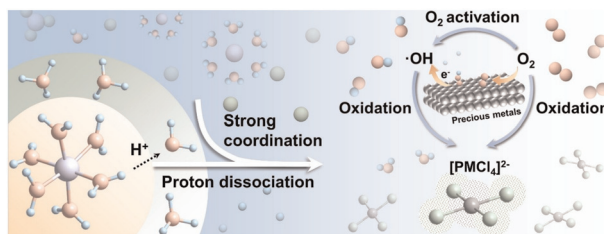
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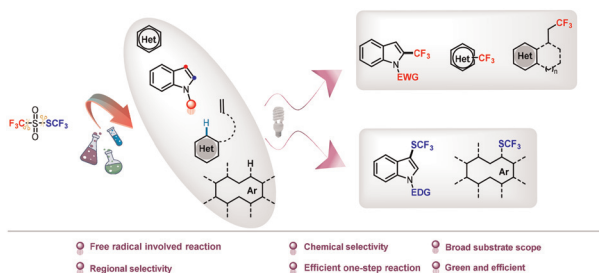
Chenchen Zhu, Anting Ding, Chuanyin Liu, Ming Li and Chengliang Xiao*



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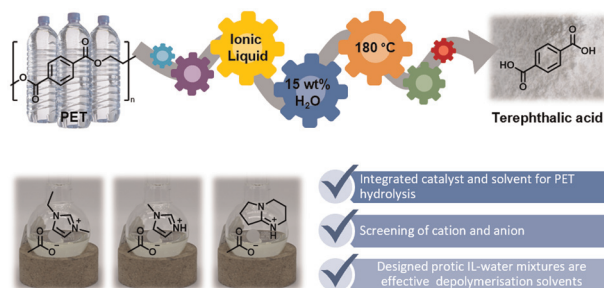
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Shuo Li, Hao Zheng, Yuyan Xu, Chuchu Xie, Jie Sun and Zhiwei Chen*



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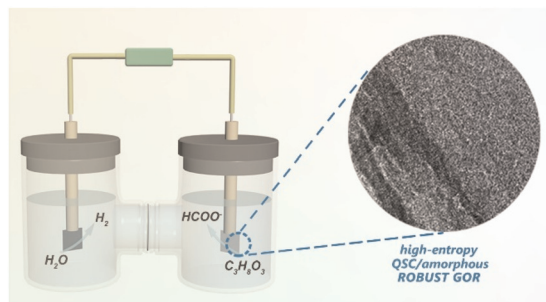
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Maariyah Y. Suleman, Harriet L. Judah, Panagiotis Bexis, Paul Fennell, Jason P. Hallett and Agnieszka Brandt-Talbot*

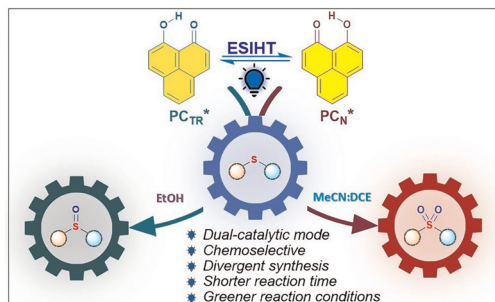
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A quasi-single-crystalline/amorphous high-entropy layered hydroxide for robust glycerol valorization to formate

Wenqian Zheng, Xianghui Pang, Changgang Dong, Liheng Sun, Jiaqi Guo, Pin Hao, Fengcai Lei, Xu Sun* and Junfeng Xie*

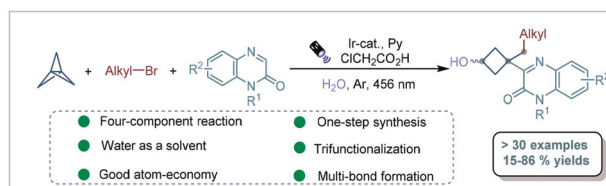
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Insights into the excited state of a phenalenyl-based photocatalyst for facile divergent synthesis of sulfoxides and sulfones

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Jiacheng Li, Yue Wang, Yijun Jin, Longyi Li, Guoxiang Bao, Xingyi Zhu* and Xinpeng Jiang*

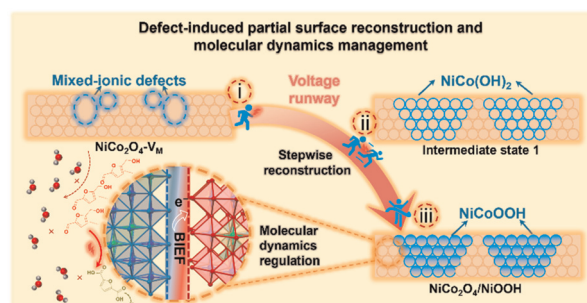


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Life cycle assessment and technoeconomic analysis of naphtha cracking electrification using plasma for carbon neutrality

Serang Kwon and Seong-kyun Im*

