

# Green Chemistry

Cutting-edge research for a greener sustainable future

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### Cover

See Chang-Gu Lee,  
Seitkhan Azat, Jechan Lee  
et al., pp. 8691–8709.

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### Inside cover

See Haibo Xie, Yuanlong Guo  
et al., pp. 8818–8831.

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*Green Chem.*, 2025, **27**,  
8818.

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Michael A. Rowan and Andrea Carolina Ojeda Porras

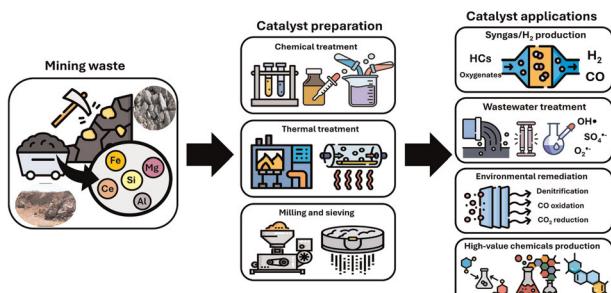


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Soo Lim Kim, Heejin Yang, Seonho Lee, Si-Kyung Cho,  
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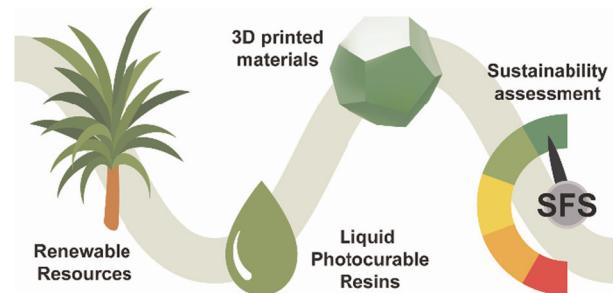
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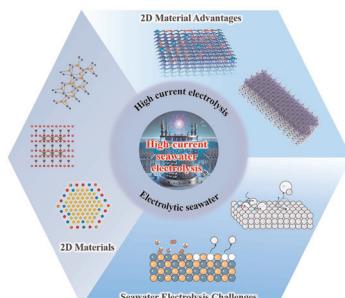


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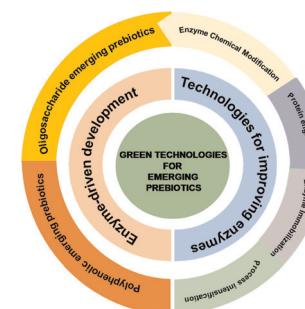
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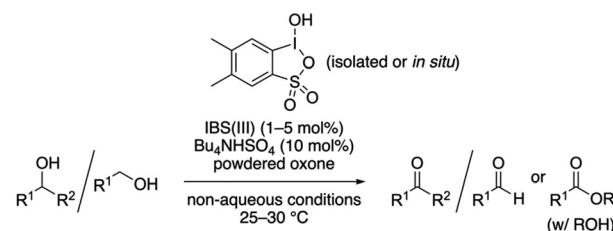


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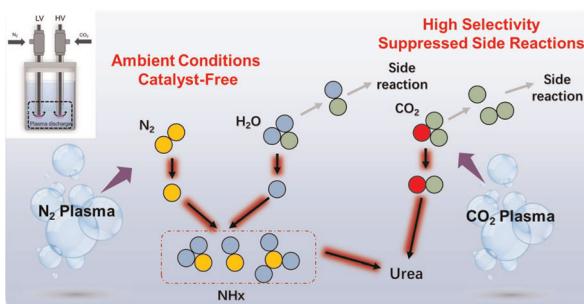
**The low-temperature selective oxidation of alcohols and a one-pot oxidative esterification using an IBS(III/v)/oxone catalysis**

Ryutaro Kondo, Muhammet Uyanik\* and Kazuaki Ishihara\*



## COMMUNICATIONS

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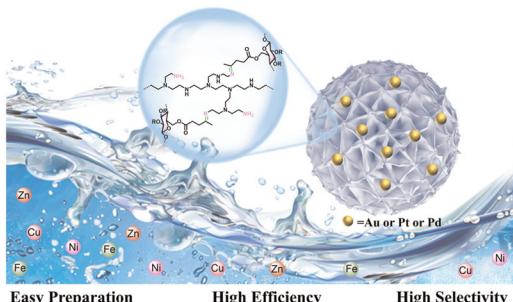


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Yumei Chen, Chunhui Xie, Yang You, Tonghui Xu, Yunqi Li, Jili Yuan, Haibo Xie\* and Yuanlong Guo\*

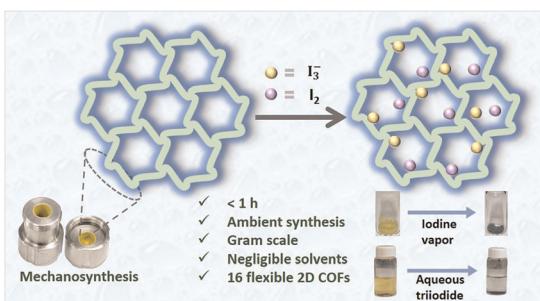
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Yogendra Nailwal, Bryson Baker, Ziad Alsudairy, Mustapha El Hariri El Nokab, Qingsong Zhang, Tuo Wang, Songliang Cai, Yi Liu and Xinle Li\*



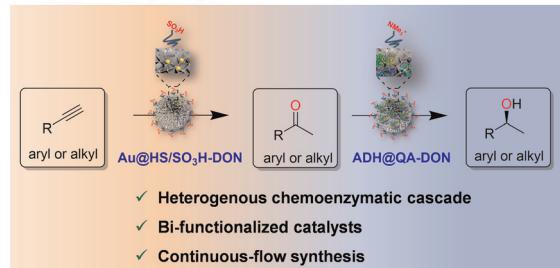
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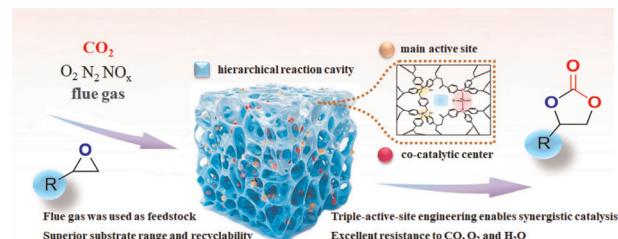
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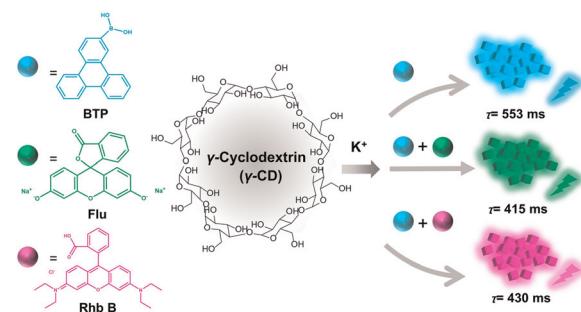
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**Multi-color-tunable ultra-long room temperature phosphorescence based on cyclodextrin metal–organic frameworks**

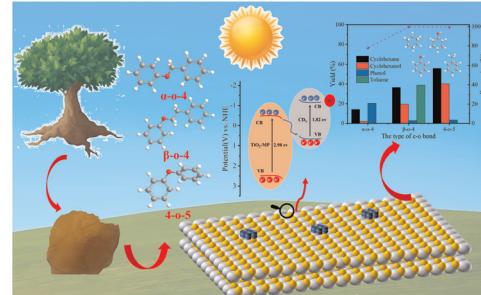
Jiayin Zhang, Jiaxuan Tang, Yongsheng Zhang, Yifu Chen\* and Junbo Gong\*



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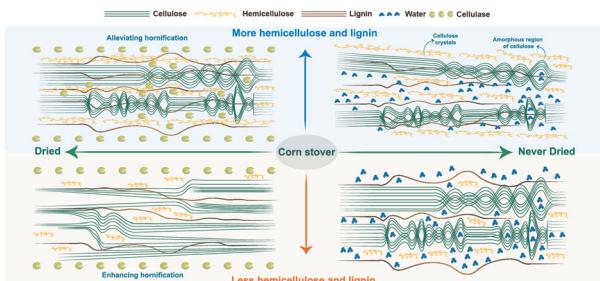
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Song Han, Yun Zhao,\* Mina Liang, Xiangxiong Zhai, Qi Zhang, Na Sun, Rong Ma, Guoling Li, Zhubing Xiao and Zhonghai Ni\*



## PAPERS

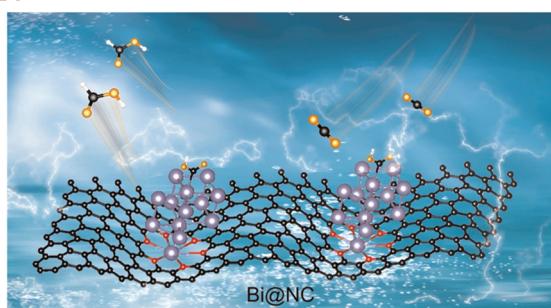
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Huai-Yu Zhang, Yu-Feng Yuan, Yi-Ping Luo, Dong Li,  
Chen-Guang Liu, Scott Renneckar and Jack Saddler

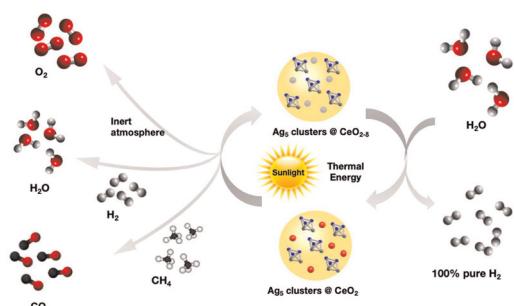
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Ziyu Deng, Yanghe Fu,\* Yijing Gao,\* Fumin Zhang,  
Fa Yang,\* Weidong Zhu\* and Maohong Fan

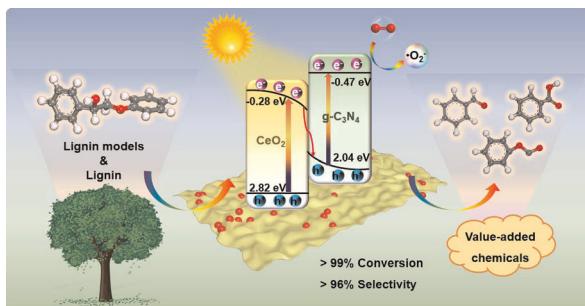
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Yin Ai, Yuzhen Zhao, Xiaoqin Huang, Xutang Liu,\*  
Siqi Kuang, Haichang Ding, Yuling Zeng, Hongliang Liu\*  
and Gang Liu\*

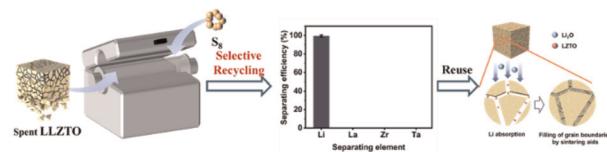


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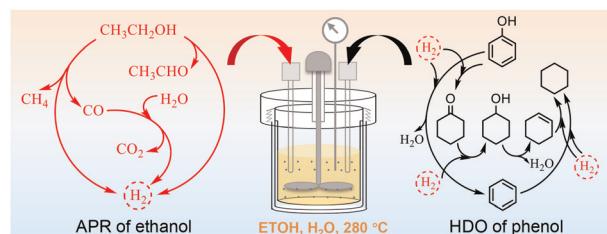
Yufan Zheng, Kexin Wan, Yuancheng Chen, Chuang Ji, Hongxiang Kuai and Xunhui Xiong\*



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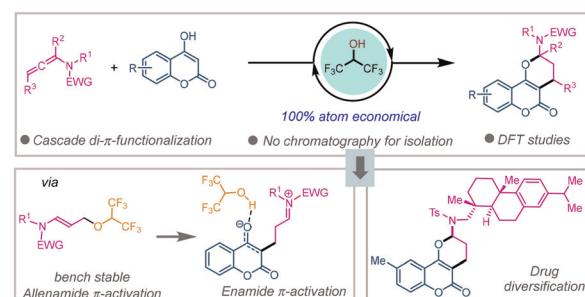
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**Light empowered aziridination of olefins under metal- and photocatalyst-free conditions**

Bin Sun, Qian Zhang, Jianjie Wang, Yan Xu, Jiayin Wang, Chun Lv, Xiaohui Zhuang, Caiyun Yu and Can Jin\*

