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See Wei-Min He *et al.*, pp. 7983–7987.

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Inside cover
See Zongjie Dai *et al.*, pp. 7988–7997.

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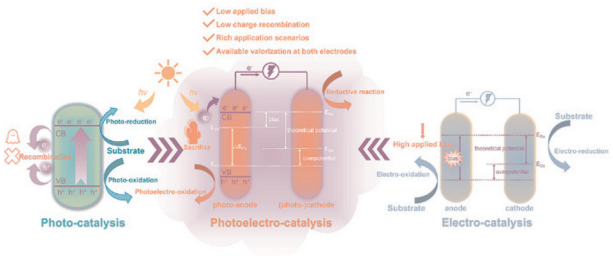
TUTORIAL REVIEWS



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Green Chemistry

Cutting-edge research for a greener sustainable future

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Green Chemistry focuses on cutting-edge research that attempts to reduce the environmental impact of the chemical enterprise by developing a technology base that is inherently non-toxic to living things and the environment.

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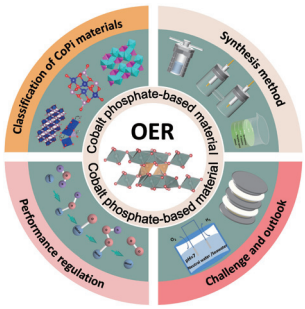

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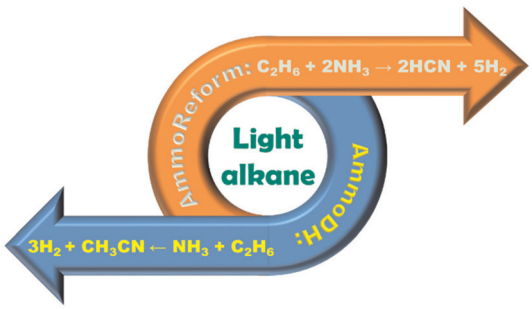
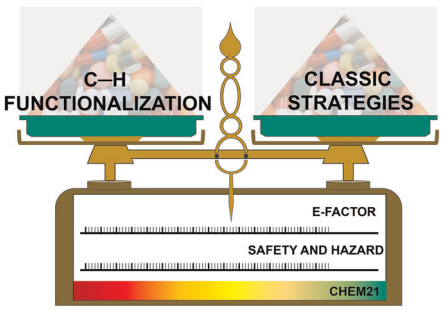
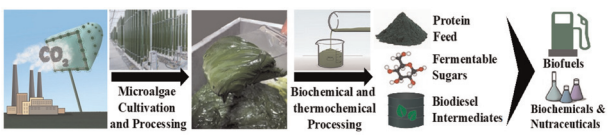


CRITICAL REVIEWS





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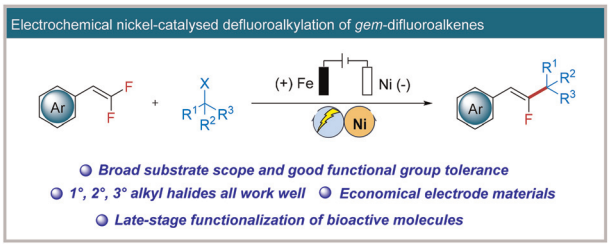
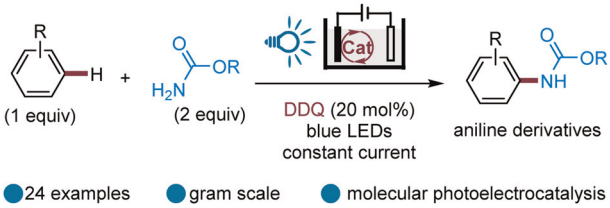


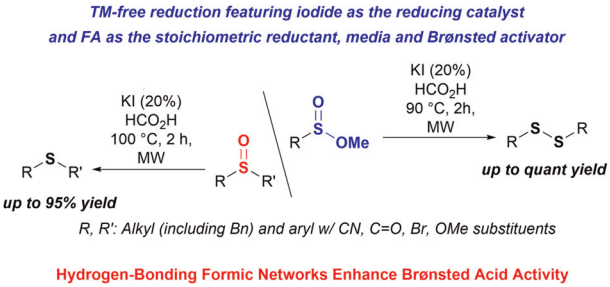
Electrochemical nickel-catalysed defluoroalkylation of *gem*-difluoroalkenes with alkyl halides

Yin Liu, Pengfei Li, Jun Tan, Guangsheng Kou, Dengke Ma* and Youai Qiu*



Photoelectrocatalytic C–H amination of arenes

Zhong-Wei Hou, Hong Yan, Jinshuai Song* and Hai-Chao Xu*



Introducing I^-/formic acid as a green reagent for the reduction of sulfinates and sulfoxides

J. Armando Luján-Montelongo,* Luis Javier García de la Cuesta, Alicia E. Cruz-Jiménez, Perla Hernández and Alberto Vela

Alkyl radicals from diacyl peroxides: metal-/base-/additive-free photocatalytic alkylation of *N*-heteroaromatics

Fukun Cheng, Lulu Fan,* Qiyan Lv, Xiaolan Chen* and Bing Yu*

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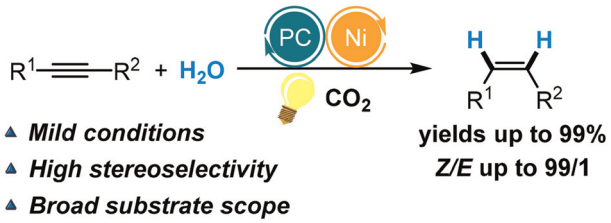

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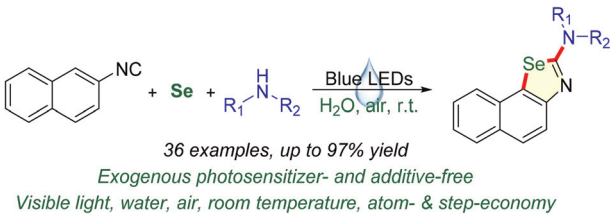

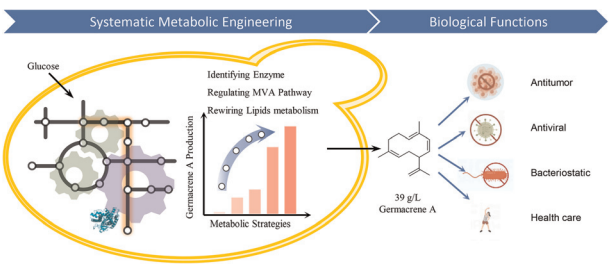

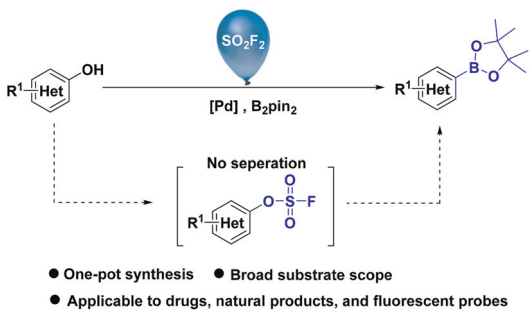

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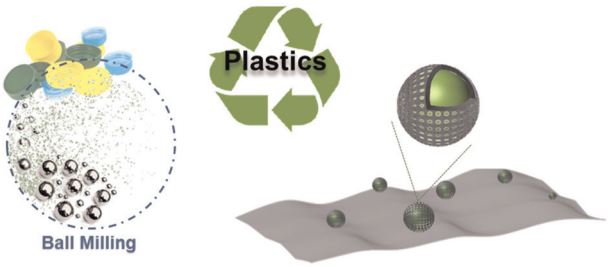

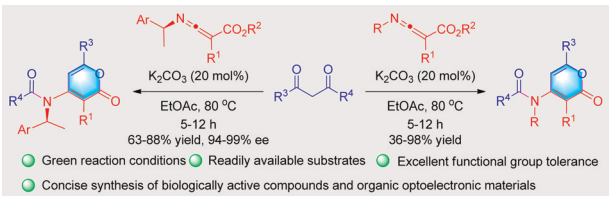

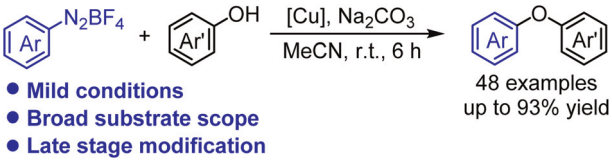

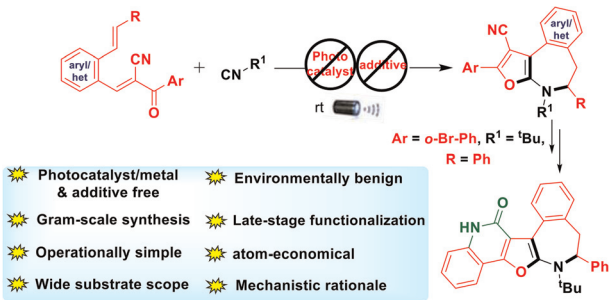

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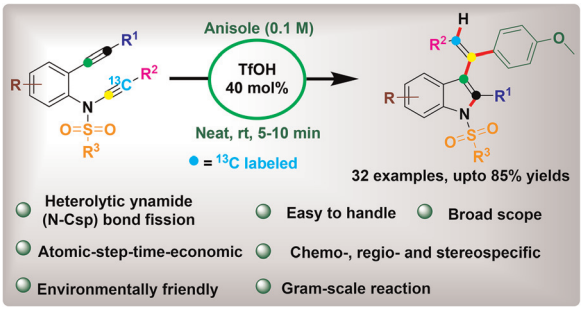

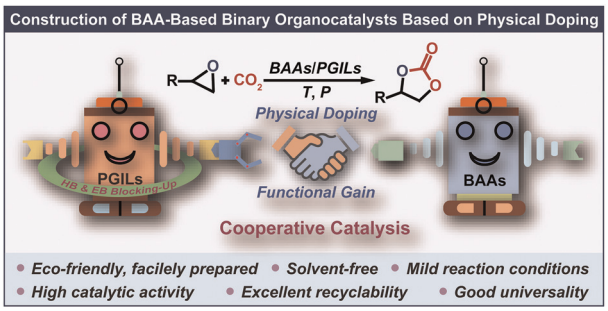

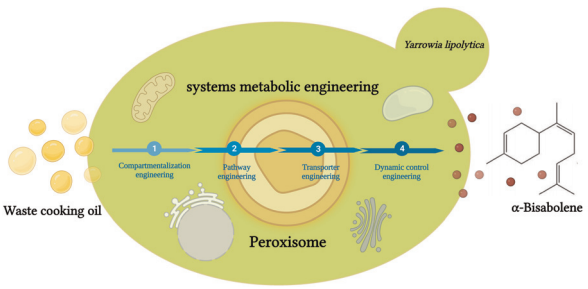

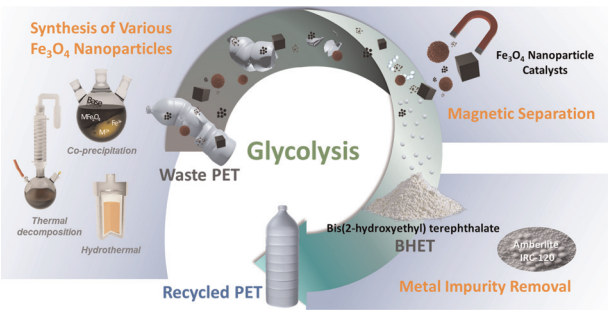

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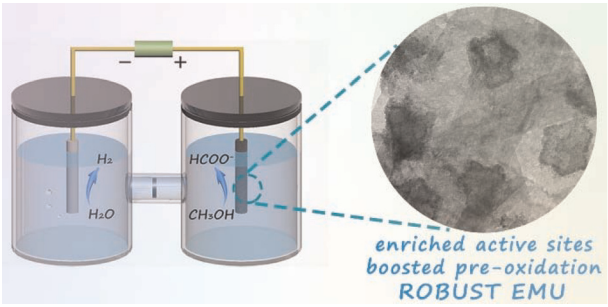

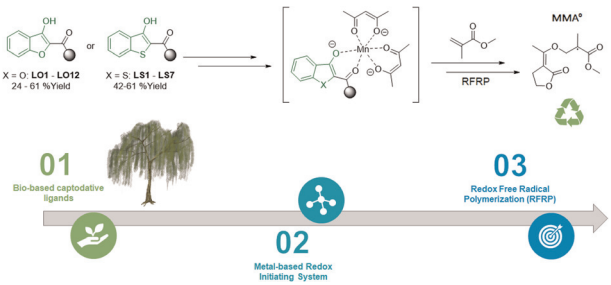

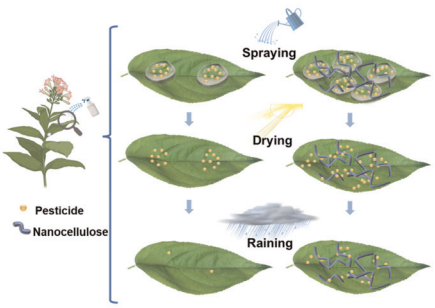

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