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See Yunchuan Li, Bohuai Xiao *et al.*, pp. 815–818. Image reproduced by permission of Bohuai Xiao from *Chem. Commun.*, 2024, 60, 815.



Inside cover

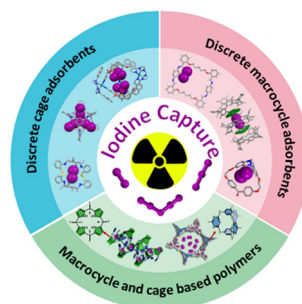
See Corinna R. Hess *et al.*, pp. 819–822. Image reproduced by permission of Corinna R. Hess from *Chem. Commun.*, 2024, 60, 819.

HIGHLIGHTS

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Recent progress in iodine capture by macrocycles and cages

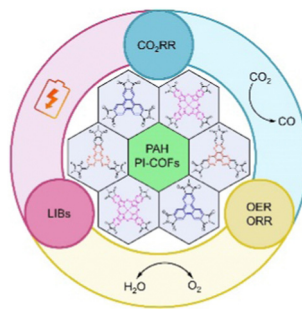
Weinan Zhou, Roy Lavendomme* and Dawei Zhang*



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Polyimide covalent organic frameworks bearing star-shaped electron-deficient polycyclic aromatic hydrocarbon building blocks: molecular innovations for energy conversion and storage

Bin Yao,* Guowang Li, Xianying Wu, Hongfei Sun, Xingyan Liu, Fei Li* and Tingwang Guo



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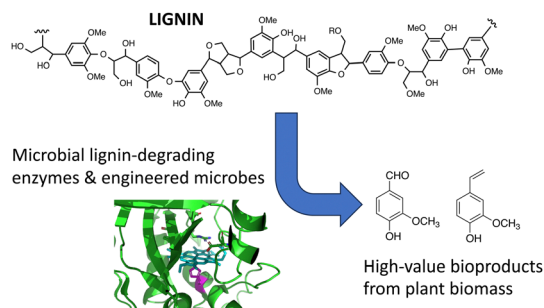


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The chemical logic of enzymatic lignin degradation

Timothy D. H. Bugg

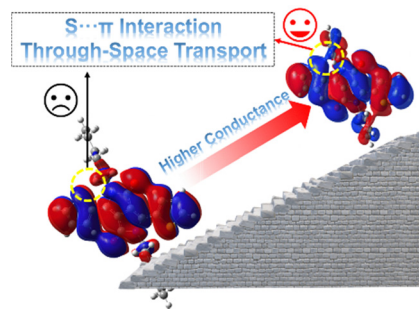


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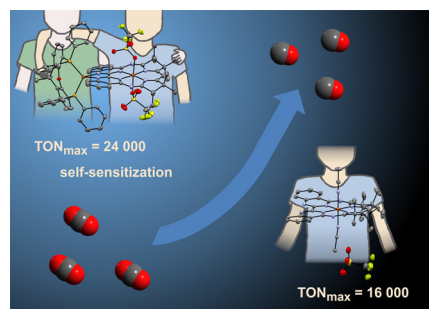
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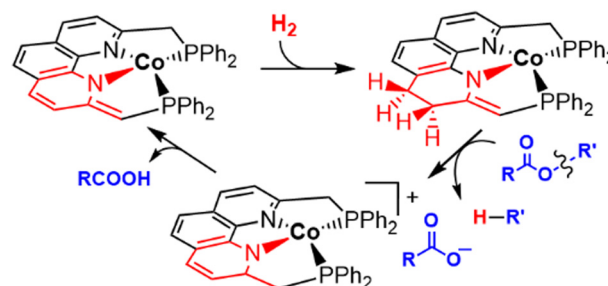
Kerstin Rickmeyer, Matthias Huber and Corinna R. Hess*



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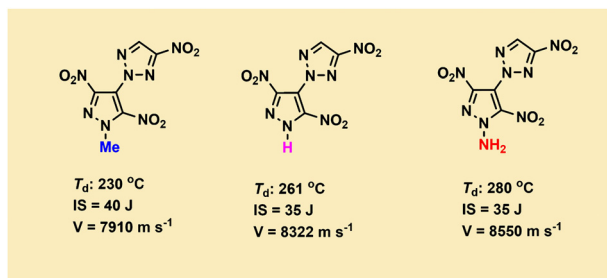
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Heng Zhang, Yoshihiro Shimoyama and Yumiko Nakajima*



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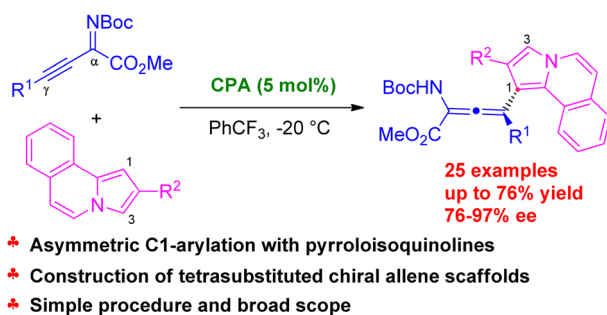
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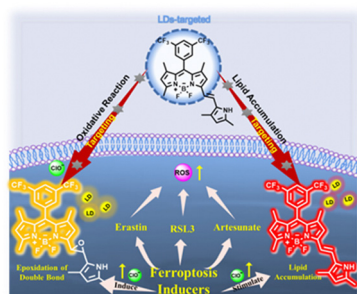
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Xuan Zhang, Xiaoxiao Song* and Qijian Ni*

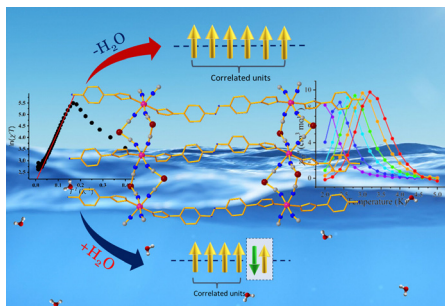
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Leilei Yao, Hongjun Song, Caixia Yin* and Fangjun Huo*

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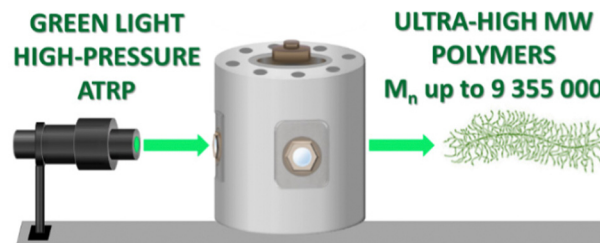


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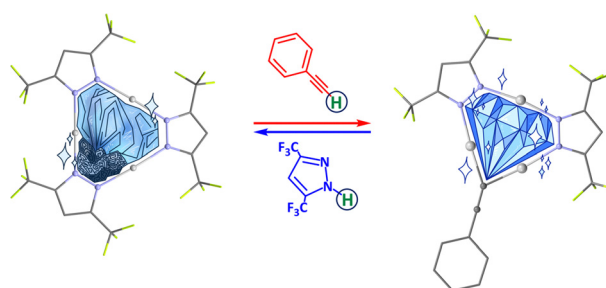
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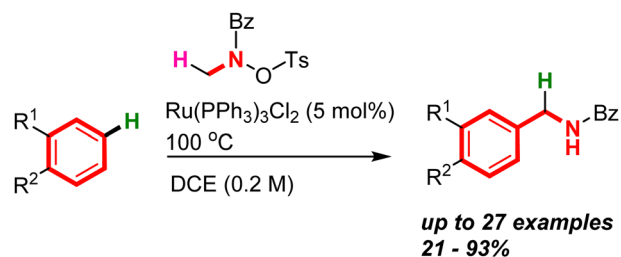
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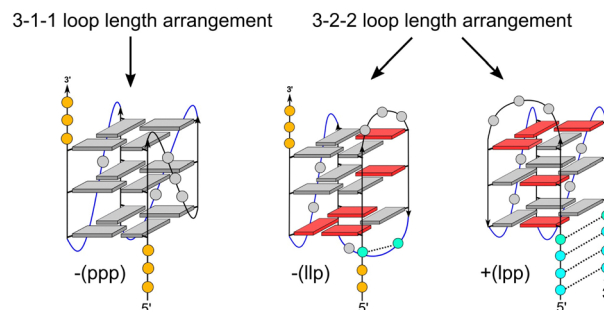
Guobao Li, Tilo Lübken and Bernd Plietker*



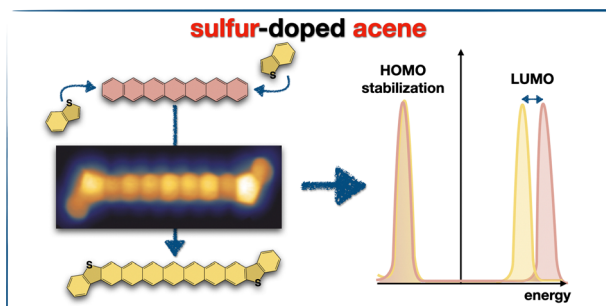
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Impact of loop length and duplex extensions on the design of hybrid-type G-quadruplexes

Jagannath Jana, Yoanes Maria Vianney and Klaus Weisz*



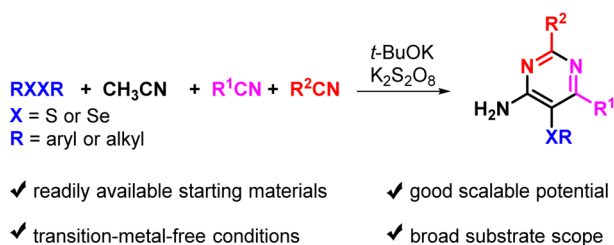
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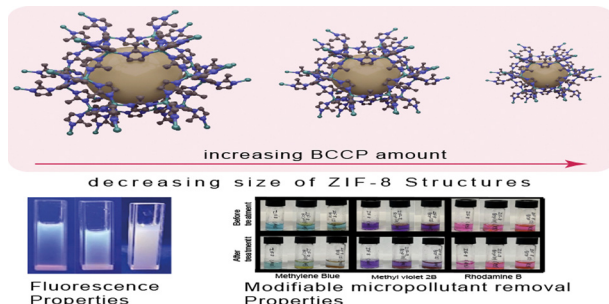
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Hui-Hui Wang, Yang-Yun Zhu, Chuan-Li Chen, Xiao-Bo Huang, Miao-Chang Liu, Yun-Bing Zhou* and Hua-Yue Wu*

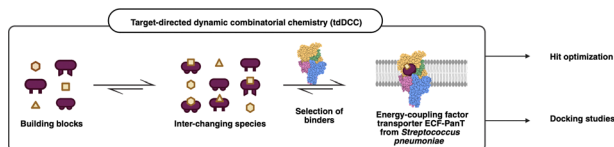
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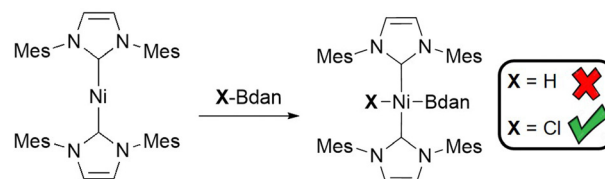


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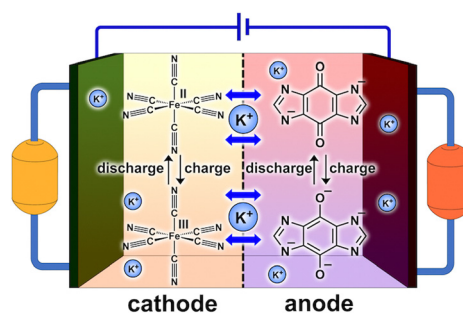
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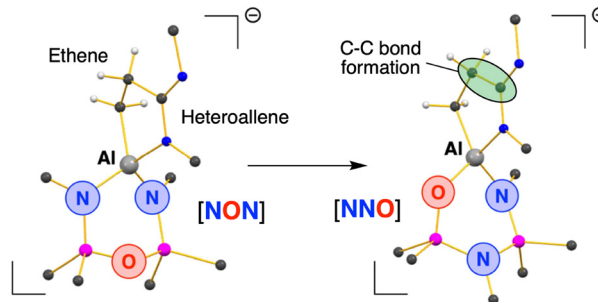
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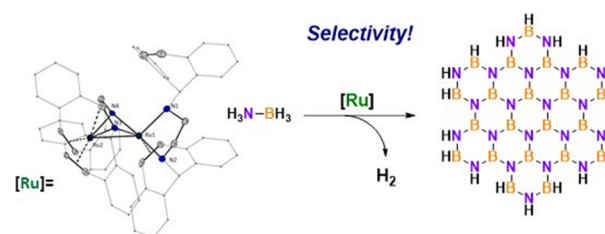
Andrea O'Reilly, Michael G. Gardiner, Claire L. McMullin,* J. Robin Fulton* and Martyn P. Coles*



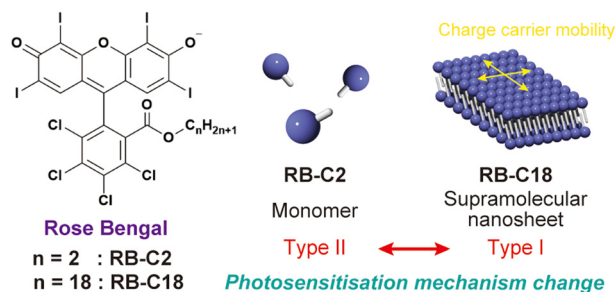
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Daniel Himmelbauer, Fabian Müller, Clara Schweinzer, Fernando Casas, Bruno Pribranic, Grégoire Le Corre, Debora Thöny, Monica Trincado* and Hansjörg Grützmacher*



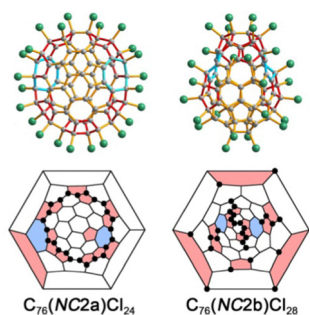
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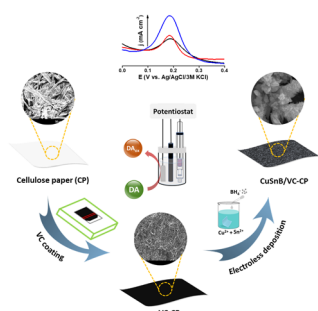
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Non-classical (NC), heptagon-containing fullerenes obtained via chlorination-promoted cage transformations: $C_{76}(NC2a)Cl_{24}$ and $C_{76}(NC2b)Cl_{28}$

Victor A. Brotsman* and Sergey I. Troyanov

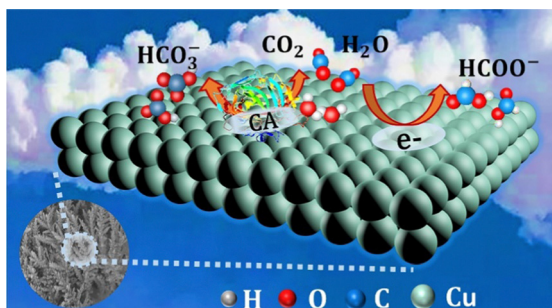
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Alankar Kafle, Divyani Gupta, Daisy Mehta and Tharamani C. Nagaiah*

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