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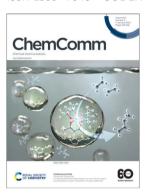
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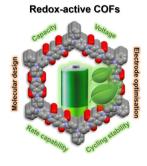
See Masafumi Ueda et al., pp. 172-175. Image reproduced by permission of Masafumi Ueda from Chem. Commun., 2024, 60, 172.

HIGHLIGHT

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Organic electrodes based on redox-active covalent organic frameworks for lithium batteries

Raquel Dantas, Catarina Ribeiro and Manuel Souto*

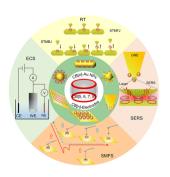


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Emerging sensing platforms based on Cucurbit[n]uril functionalized gold nanoparticles and electrodes

Tao Ma, Shuai Chang, Jin He* and Feng Liang*





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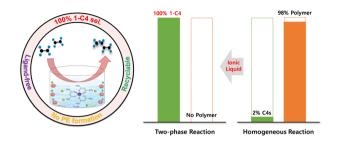
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Cr-catalysed ethylene dimerization in an ionic liquid-organic solvent biphasic system with perfect 1-butene selectivity

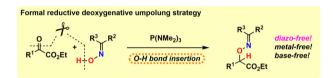
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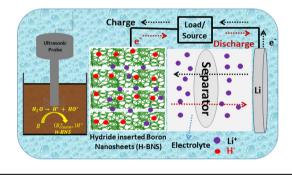
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Sonochemically synthesized hydride-stabilized boron nanosheets *via* radical-assisted oxidative exfoliation for energy storage applications

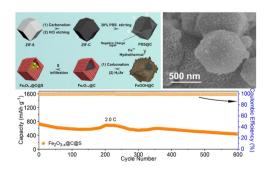
Anandhakumar Sukeri, Swati Panigrahi and Kothandaraman Ramanujam*



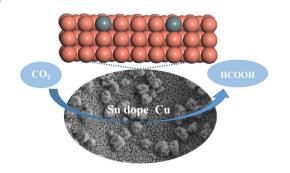
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Core-shell oxygen-deficient Fe₂O₃ polyhedron serves as an efficient host for sulfur cathode

Jun Pu,* Ziyang Huang, Jie Wang,* Yun Tan, Shanshan Fan and Zhenghua Wang



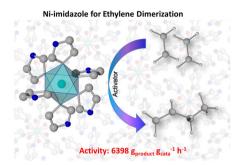
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Dealloying-derived nanoporous Sn-doped copper with prior selectivity toward formate for CO₂ electrochemical reduction

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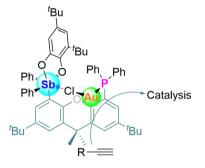
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Benyu Zhou, Shantabh Bedajna and François P. Gabbaï*

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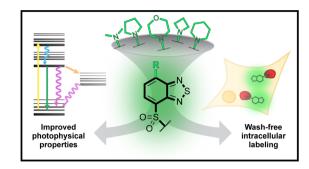


Divergent process for the catalytic decarboxylative thiocyanation and isothiocyanation of carboxylic acids promoted by visible light

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Engineered fluorogenic HaloTag ligands for turn-on labelling in live cells

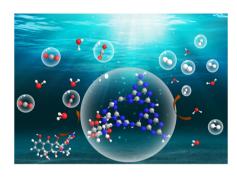
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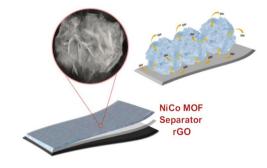
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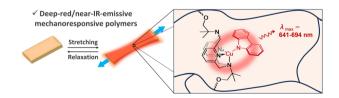
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Deep-red photoluminescent mechanoresponsive polymers with dynamic Cu¹-arylamide mechanophores

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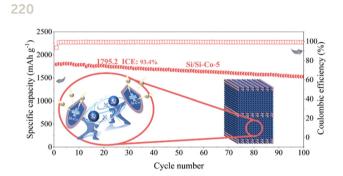


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[Cp*RhCl)₂]₂ (2.5 mol%) AgOAc (10 mol%), MnO₂ (1.0 equiv) excellent regioselectivity R'CO₂H (2.0 equiv), DCE, 60 °C, 12 h broad substrate scope

Rh(III)-catalyzed selective C2 C-H acyloxylation of indoles

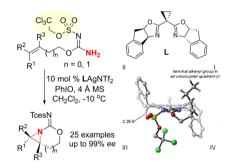
Chaoying Fang, Li Li, Haitao Yang, Caiyang Kong, Jitan Zhang,* Meihua Xie* and Jiaping Wu*



Interfacial engineering of Si anodes by confined doping of Co toward high initial coulombic efficiency

Yuanyuan Han, Haoyu Fu, Guihuan Chen,* Xiaoshan Wang, Yue Zhao, Xiang Sui, Zhigiang Zhao, Xiancheng Sang, Qinghao Li and Qiang Li*

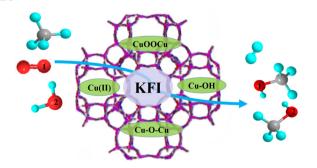
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