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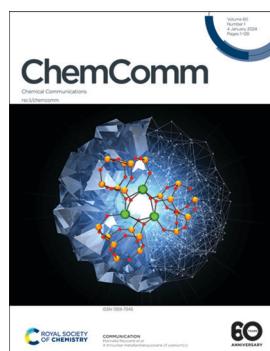
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See Jesús Cases Diaz and Mónica Giménez-Marqués, pp. 51–54.
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Inside cover

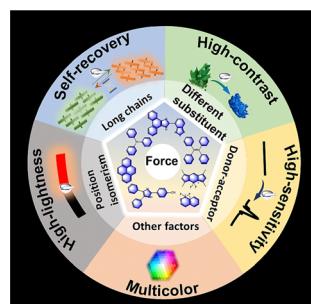
See Marinella Mazzanti et al., pp. 55–58.
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HIGHLIGHT

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Structure–activity strategies for mechanically responsive fluorescent materials: a molecular perspective

Guoqiang Fei, Shaoqi Li, Yuxia Liu, Jared B. Carney, Tao Chen, Yulin Li,* Xiaoyong Gao, Ji Chen, Pu Chen, Yanfeng Yue,* Kai Bao,* Bo Tang* and Guang Chen*

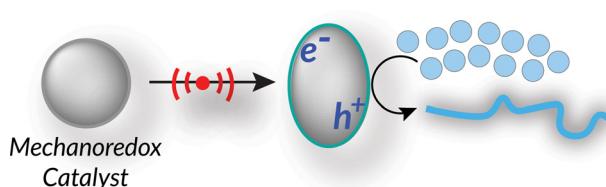


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Shake, shear, and grind! – the evolution of mechanoredox polymerization methodology

Sarah M. Zeitler and Matthew R. Golder*



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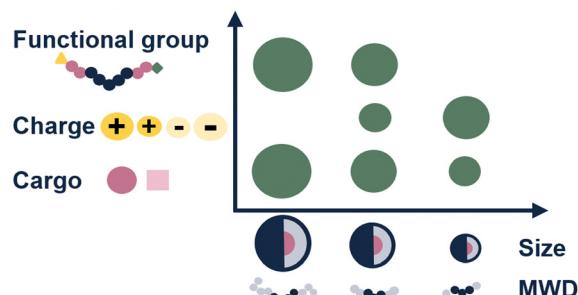


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Sample transformation in online separations: how chemical conversion advances analytical technology

Annika A. M. van der Zon, Joshka Verduin, Rick S. van den Hurk, Andrea F. G. Gargano and Bob W. J. Pirok*

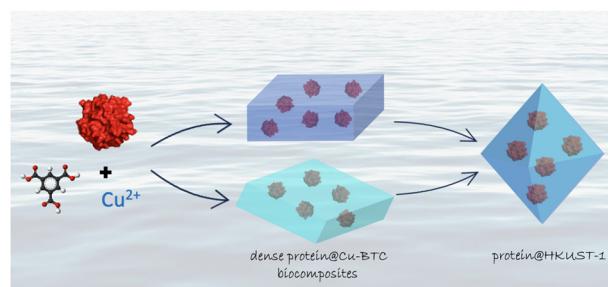


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Alternative protein encapsulation with MOFs: overcoming the elusive mineralization of HKUST-1 in water

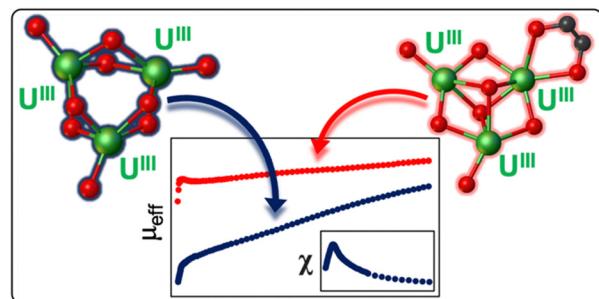
Jesús Cases Díaz and Mónica Giménez-Marqués*



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A trinuclear metallasilsesquioxane of uranium(III)

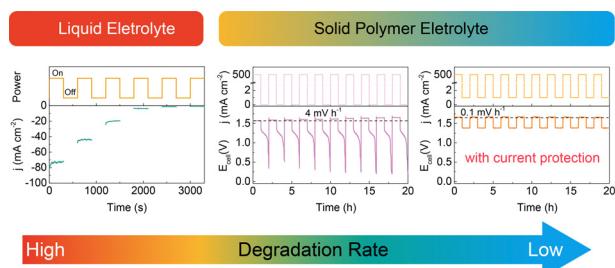
Maxime Tricoire, Nadir Jori, Farzaneh Fadaei Tirani, Rosario Scopelliti, Ivica Živković, Louise S. Natrajan and Marinella Mazzanti*



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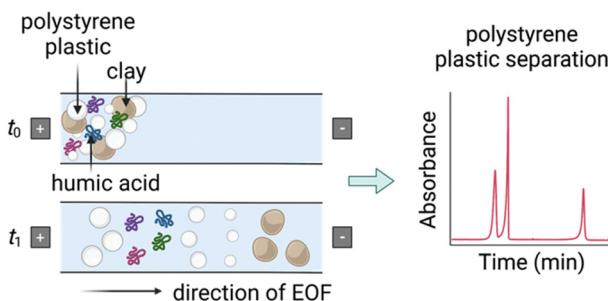
Exploring the degradation mechanism of nickel–copper–molybdenum hydrogen evolution catalysts during intermittent operation

Shengxiong Yang, Zhihan Liu, Pengcheng Wan, Liangsheng Liu, Yimin Sun, Fei Xiao,* Shuai Wang* and Junwu Xiao*



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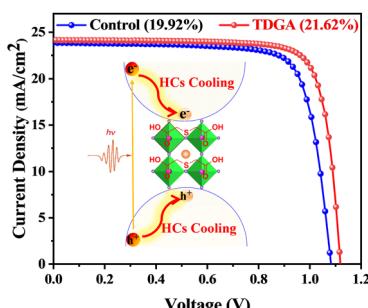
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Quantitative separation of polystyrene nanoparticles in environmental matrices with picogram detection limits using capillary electrophoresis

Michael A. Caprise, Ana C. Quevedo and Kathryn R. Riley*

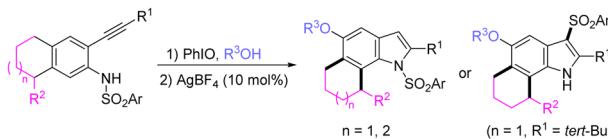
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Additive effect on hot carrier cooling in a hybrid perovskite

Yuanju Zhao, Peng Wang, Tai Wu, Rongjun Zhao,* Lin Xie* and Yong Hua*

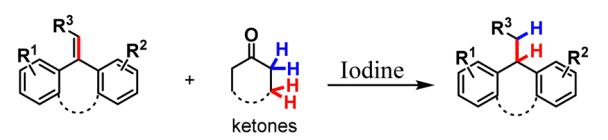
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Cascade alkyl migration in 2-alkynylanilines for the synthesis of benzenoid ring multi-functionalized indoles

Jiwen He, Xiaohua Li, Qiuqin He* and Renhua Fan*

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◆ Metal-free transfer hydrogenation ◆ Ketones as novel hydrogen donors

Iodine-promoted transfer of dihydrogen from ketones to alkenes, triphenylmethyl, and diphenylmethyl derivatives

Yiping Duan, Wenyi Zhong, Zhaolan Zeng, Jiajie Feng, Jinyi Xu,* Fulai Yang* and Jie Liu*

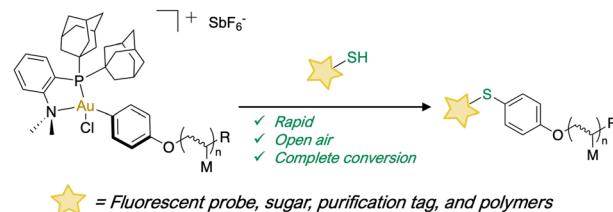


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Efficient end-group functionalization and diblock copolymer synthesis via Au(III) polymer reagents

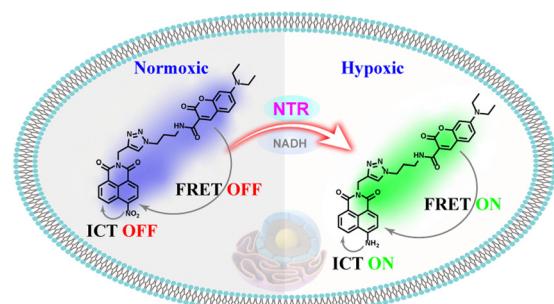
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A highly selective ratio-metric fluorescent sensor for visualizing nitroreductase in hypoxic cells

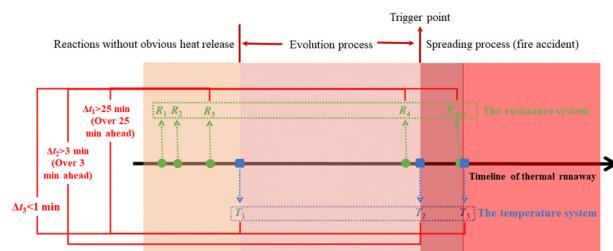
Yumei Xu,* Bing Hu, Yanjun Cui, Li Li, Fang Nian,
 Zhixia Zhang and Wenting Wang



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Early warning technology for common characteristic resistances of lithium-ion batteries with thermal runaway

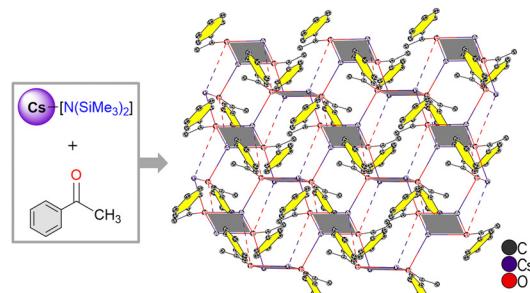
Zhigao Yang, Zhengjian Gu, Qianyi Tao, Jun Bao,
 Huanhuan Li* and Shengping Wang*



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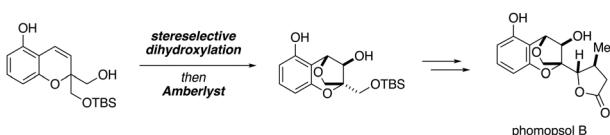
Isolable rubidium and caesium derivatives of common organic carbonyl compounds

Jakoba Wacker, Jennifer R. Lynch, Sumanta Banerjee,
 Peter A. Macdonald, Alan R. Kennedy, Biprajit Sarkar and
 Robert E. Mulvey*



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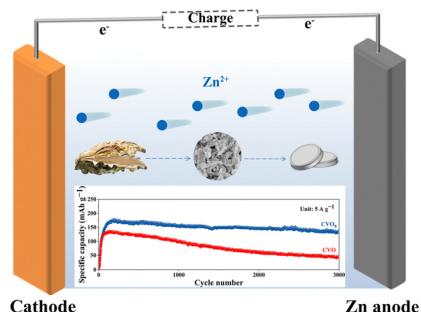
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Total synthesis of highly oxygenated phomopsol B via acid-induced etherification to construct a bridged structure

Yuichiro Kawamoto,* Ayaka Nishitani, Yukari Yoshimura, Toyoharu Kobayashi and Hisanaka Ito*

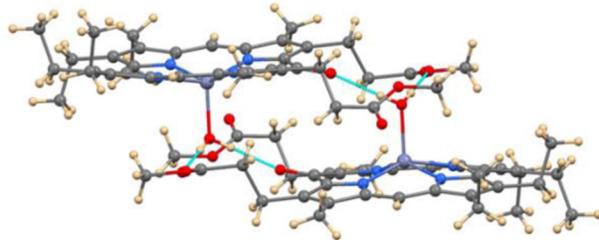
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Spent shell as a calcium source for constructing calcium vanadate for high-performance Zn-ion batteries

Ningze Gao, Feng Li, Zhiyuan Wang, Xianghua Kong, Lei Wang, Yuanxiang Gu* and Maojuan Bai*

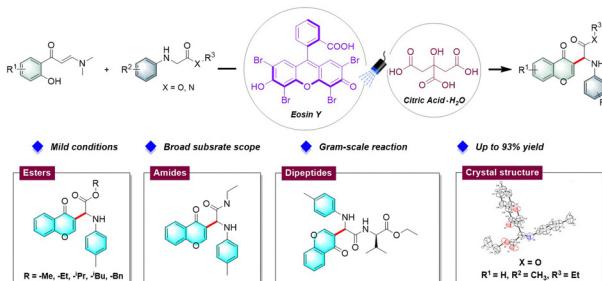
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5- and 10-oxocorroles from β -octaalkylcorroles

Lorena Di Zazzo, Sara Nardis,* Fabrizio Caroleo, Francesco Pizzoli, Frank R. Fronczek, Kevin M. Smith, Beatrice Berionni Berna and Roberto Paolesse

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Visible-light-enabled cascade cross-dehydrogenative-coupling/cyclization to construct α -chromone substituted α -amino acid derivatives

Zhi-Qiang Zhu,* Jia-Yu Hu, Zong-Bo Xie and Zhang-Gao Le*

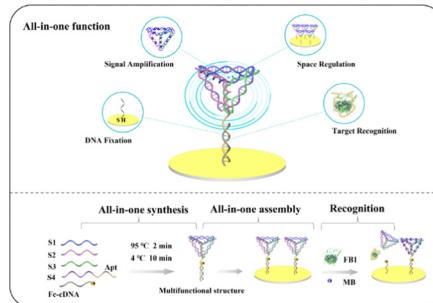


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All-in-one fabrication of a ratiometric electrochemical aptasensor with tetrahedral DNA nanostructure for fumonisin B1 detection

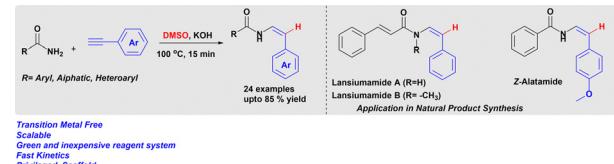
Na Dong, Shuda Liu, Yuye Li, Shuyun Meng, Yifan Liu, Xia Li, Dong Liu* and Tianyan You*



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DMSO–KOH mediated stereoselective synthesis of Z-enamides: an expeditious route to Z-enamide bearing natural products

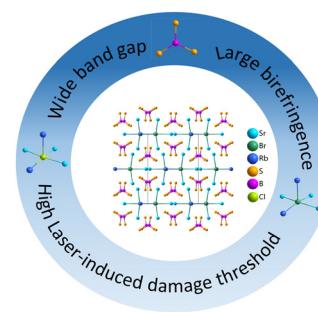
Showkat Ahmad Bhat, Qazi Naveed Ahmed* and Khursheed Ahmad Bhat*



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[RbSr₃X][(BS₃)₂] (X = Cl, Br): two salt-inclusion thioborates with large birefringence and structure transformation from centrosymmetric to asymmetric

Yihan Yun, Xueling Hou, Zhihua Yang, Guangmao Li* and Shilie Pan*



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Facile one-step synthesis of mesoporous Pt-based alloy nanospheres for ethanol electrooxidation

Rui Wang, Shichun Gu, Dexiang Li, Chaoman Wang, Chongyuan Zhai, Yu Sun, Xue Wang,* Hui Huang, Zhongcheng Guo and Yapeng He*

