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ISSN 1359-7345 CODEN CHCOFS 59(100) 14729–14864 (2023)



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See Selvan Demir *et al.*, pp. 14791–14794.
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See Seiji Ogo *et al.*, pp. 14795–14798.
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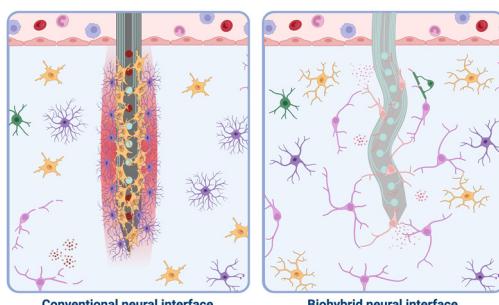


FEATURE ARTICLES

14745

Biohybrid neural interfaces: improving the biological integration of neural implants

Marjolaine Boulingre, Roberto Portillo-Lara and Rylie A. Green*



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Chemical Communications (print: ISSN 1359-7345;
electronic: ISSN 1364-548X) is published 100 times a year
by the Royal Society of Chemistry, Thomas Graham House,
Science Park, Milton Road, Cambridge, UK CB4 0WF.

All orders, with cheques made payable to the Royal Society of Chemistry, should be sent to the Royal Society of Chemistry Order Department, Royal Society of Chemistry, Thomas Graham House, Science Park, Milton Road, Cambridge, CB4 0WF, UK
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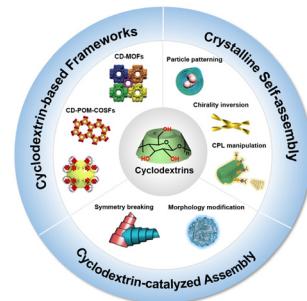


FEATURE ARTICLES

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New opportunities for cyclodextrins in supramolecular assembly: metal organic frameworks, crystalline self-assembly, and catalyzed assembly

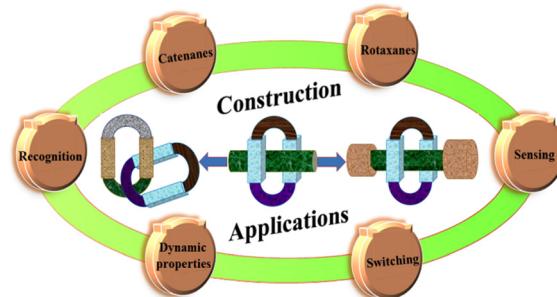
Ting Gu, Jianbin Huang* and Yun Yan*



14776

From construction to application of a new generation of interlocked molecules composed of heteroditopic wheels

Mandira Nandi, Somnath Bej, Tarun Jana and Pradyut Ghosh*

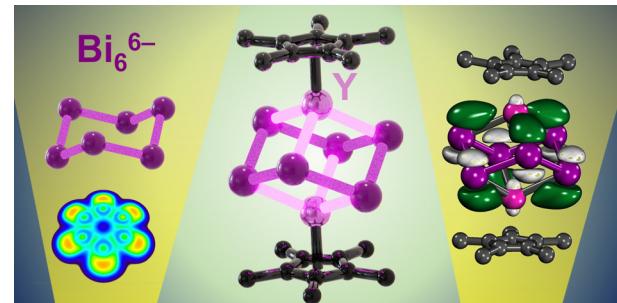


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Isolation of an organometallic yttrium bismuth cluster and elucidation of its electronic structure

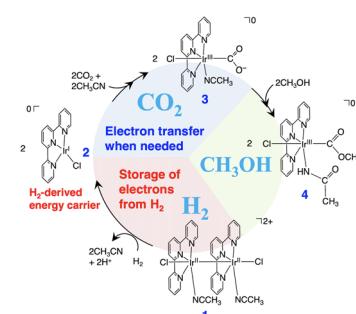
Elizabeth R. Pugliese, Florian Benner and Selvan Demir*



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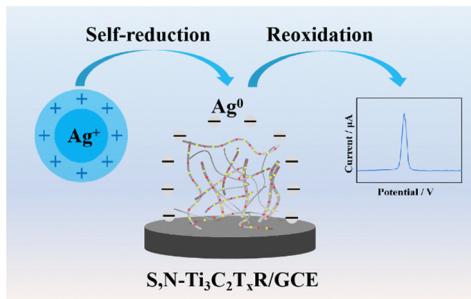
Storing electrons from H₂ for transfer to CO₂, all at room temperature

Daiki Shimauchi, Takeshi Yatabe, Yuka Ikesue, Yuu Kajiwara, Taro Koide, Tatsuya Ando, Ki-Seok Yoon, Hidetaka Nakai and Seiji Ogo*



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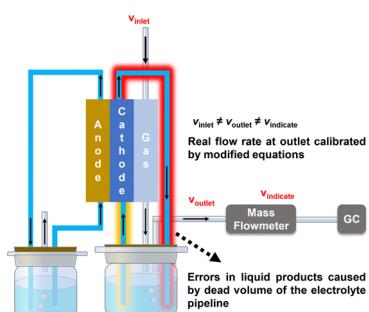
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A proof-of-concept electroreduction-free anodic stripping voltammetry analysis of Ag(I) based on S,N-Ti₃C₂T_x MXene nanoribbons

Yifan Zhou, Yinhui Yi, Yong He and Gangbing Zhu*

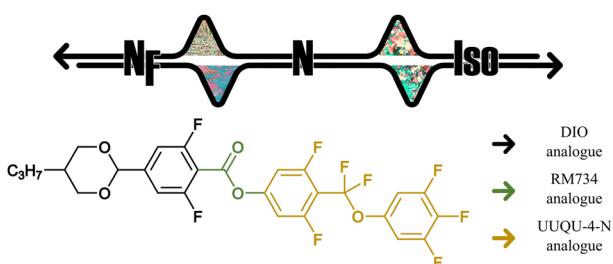
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Accurate assessment of electrocatalytic carbon dioxide reduction products at industrial-level current density

Xin Zi, Qiuwen Liu, Li Zhu, Qin Chen, Xiangqiong Liao, Ziwen Mei, Xiaojian Wang, Xiqing Wang, Kang Liu, Junwei Fu* and Min Liu*

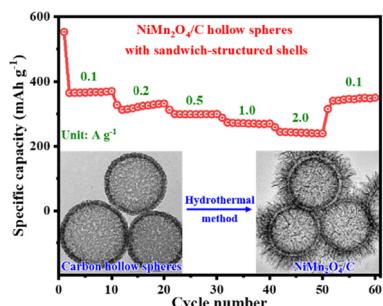
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Enantiotropic ferroelectric nematic phase in a single compound

Jakub Karcz,* Natan Rychłowicz, Małgorzata Czarnecka, Antoni Kocot, Jakub Herman and Przemysław Kula

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Fabrication of NiMn₂O₄/C hollow spheres with a trilaminar shell structure as an anode material for sodium-ion batteries

Tao Liu, Xuejie Wang, Yang Han, Yingqi Wu, Liuyang Zhang* and Jiaguo Yu*

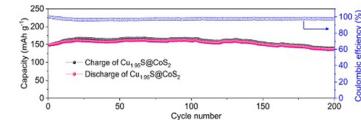
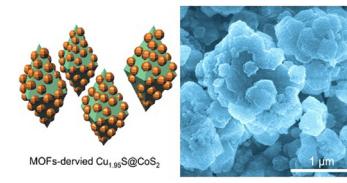


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A metal organic framework-derived octahedral $\text{Cu}_{1.95}\text{S}@\text{CoS}_2$ for secondary batteries displaying long cycle life and stable temperature tolerance

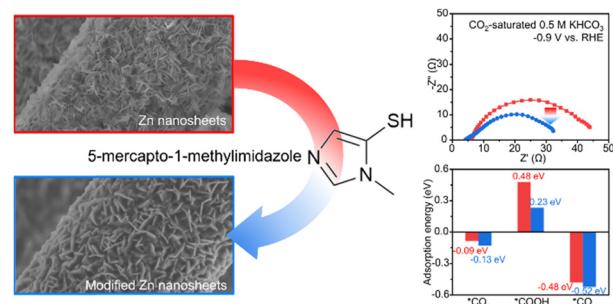
Tianli Han,* Haiyuan Bai, Jing Xu, Yajun Zhu, Xirong Lin and Jinyun Liu*



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Organic molecule-assisted intermediate adsorption for conversion of CO_2 to CO by electrocatalysis

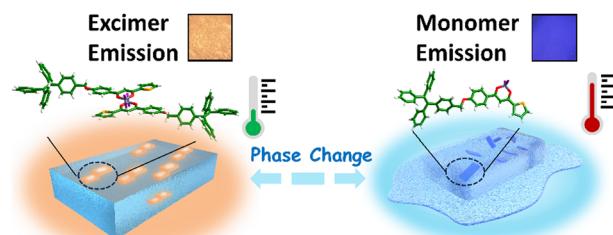
Kai Zhang, Wenyuan Wang, Ying Wang, Wenhui Wang, Nanyang Wang, Jun Pu, Qiulong Li and Yagang Yao*



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An ultra-sensitive ratiometric fluorescent thermometer based on monomer and excimer dual emission

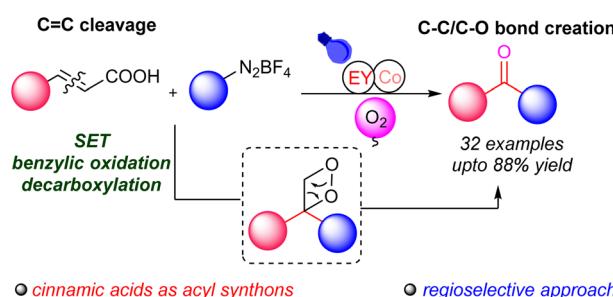
Weixu Feng,* Yanhui Wu, Dong Chen, Sumin Lu, Yan Zhao and Hongxia Yan*



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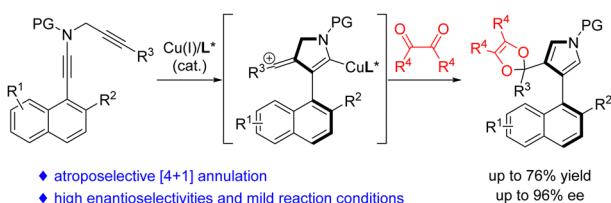
Synthesis of unsymmetrical ketones via dual catalysed cross-coupling of α,β -unsaturated carboxylic acids with aryl diazonium salts

Shiv Chand, Anup Kumar Sharma, Anand Kumar Pandey and Krishna Nand Singh*



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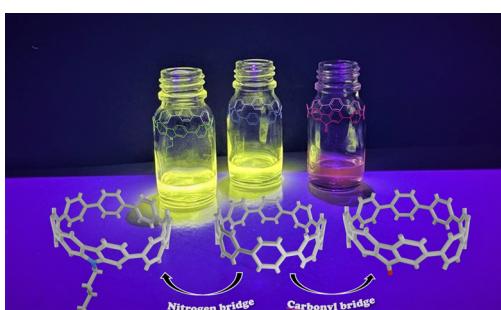
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Copper-catalyzed atroposelective formal [4+1] annulation of 1,2-diketones with vinyl cations

Ze-Shu Wang, Hao-Jin Xu, Yang-Bo Chen, Long-Wu Ye,* Bo Zhou* and Peng-Cheng Qian*

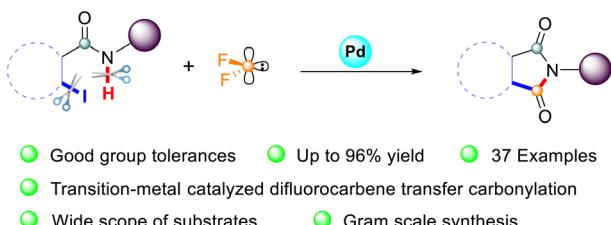
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Modulation of [8]CPP properties by bridging two phenylene units

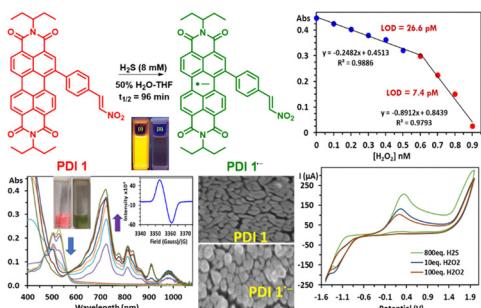
Denis Ari, Elodie Dureau, Olivier Jeannin, Joëlle Rault-Berthelot, Cyril Porié and Cassandre Quinton*

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Synthesis of *N*-substituted phthalimides via Pd-catalyzed [4+1] cycloaddition reaction

Chengxian Hu, Lu Wang, Yuanyuan Wu, Yonglong Zheng, Ying Fu* and Zhengyin Du*

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Perylene diimide-based radical anions for the rapid detection of picomolar H_2O_2 in an aqueous medium

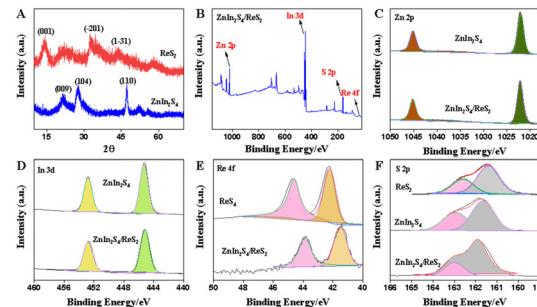
Navdeep Kaur, Sagar Sardana, Aman Mahajan, Subodh Kumar and Prabhpreet Singh*

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A $\text{ZnIn}_2\text{S}_4@\text{ReS}_2/\text{AgInS}_2$ -based photoelectrochemical aptasensor for the ultrasensitive detection of kanamycin

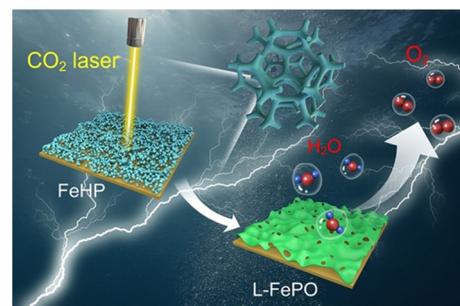
Xing-Pei Liu, Yuan-Yuan Tang, Jing-Shuai Chen, Chang-Jie Mao* and Bao-Kang Jin



14851

Laser-induced immobilization of an amorphous iron-phosphate/ Fe_3O_4 composite on nickel foam for efficient water oxidation

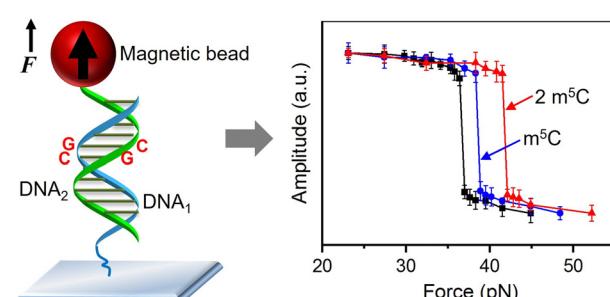
Yan Zou, Man Jin, Dongdong Zhu and Yu-Jia Tang*



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DNA methylation induces subtle mechanical alteration but significant chiral selectivity

Yi Zeng, Yujia Mao, Yanjun Chen, Yuhong Wang* and Shoujun Xu*



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Photocatalytic $\text{C}(\text{sp}^3)$ -H thiolation by a double $\text{S}_{\text{H}2}$ strategy using thiosulfonates

Nobukazu Taniguchi,* Mamoru Hyodo,* Lin-Wei Pan and Ilhyong Ryu*

