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IN THIS ISSUE

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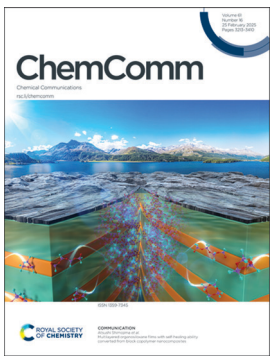
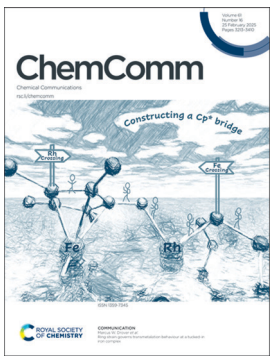


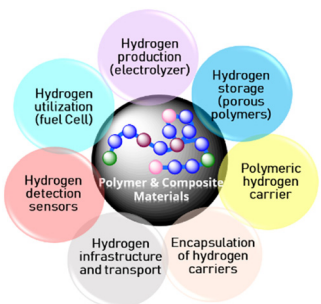
Cover
See Atsushi Shimojima *et al.*, pp. 3319–3322. Image reproduced by permission of Yoshiaki Miyamoto from *Chem. Commun.*, 2025, **61**, 3319.



Inside cover
See Marcus W. Drover *et al.*, pp. 3323–3326. Image reproduced by permission of Connor S. Durfy and Marcus W. Drover from *Chem. Commun.*, 2025, **61**, 3323.

PROFILE

HIGHLIGHTS



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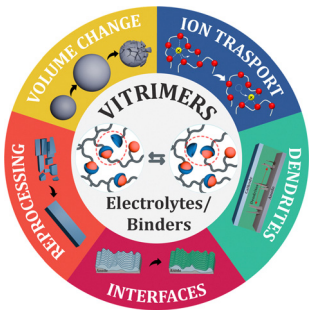
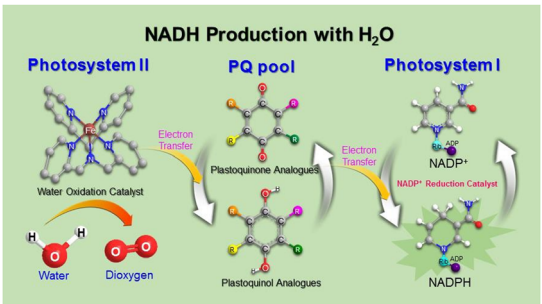
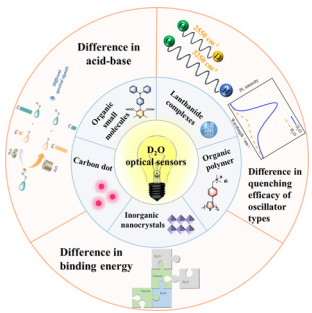
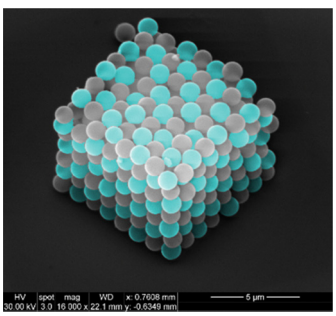


FEATURE ARTICLES







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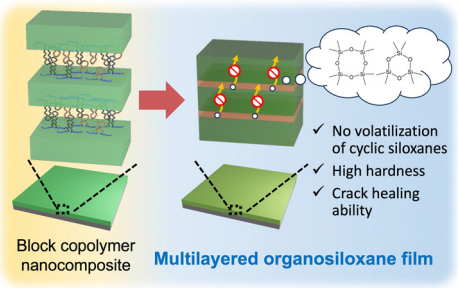

Multilayered organosiloxane films with self-healing ability converted from block copolymer nanocomposites

Yoshiaki Miyamoto, Takamichi Matsuno and Atsushi Shimojima*

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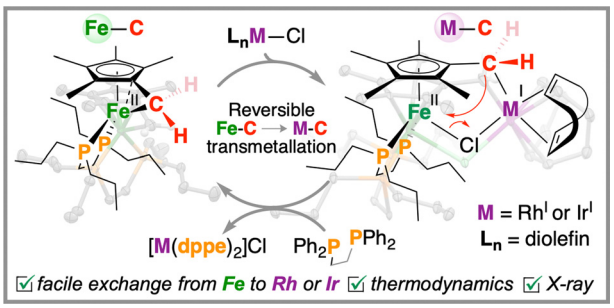

Ring strain governs transmetalation behaviour at a tucked-in iron complex

Connor S. Durfy, Michelle Huang, Joseph A. Zurakowski, Paul D. Boyle and Marcus W. Drover*

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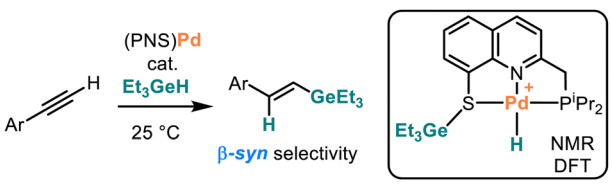

Hydrogermylation of alkynes *via* metal–ligand cooperative catalysis

Marceline Humbert, Arnaud Clerc, Karinne Miqueu, Julien Monot, Blanca Martin-Vaca* and Didier Bourissou*

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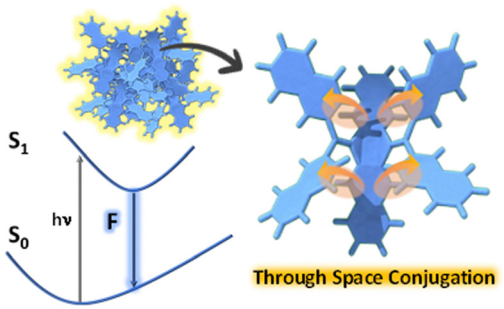

Through-space conjugation driven luminescence enhancement in crystalline butterfly architectures

Suvarna Sujilkumar, Avinash Hari and Mahesh Hariharan*

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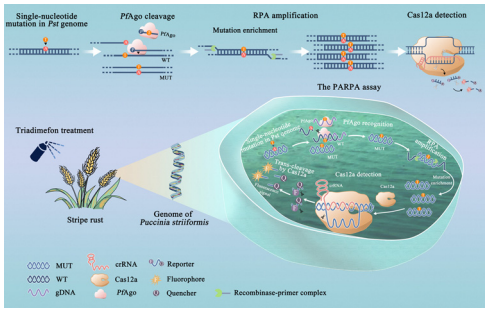

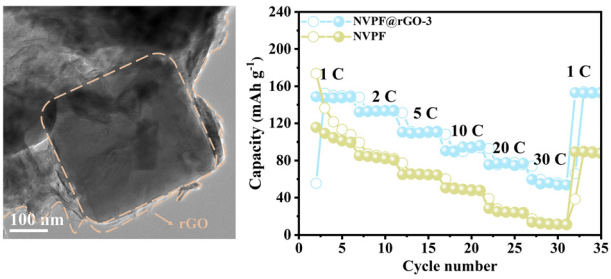

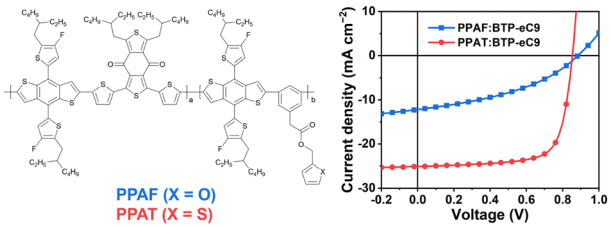

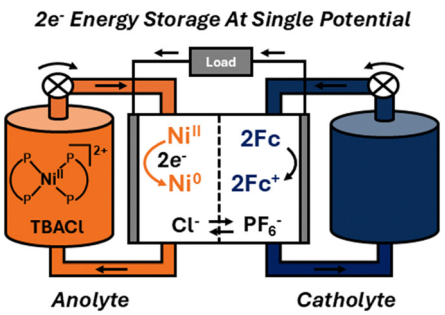

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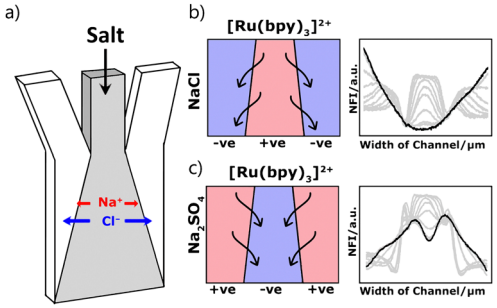

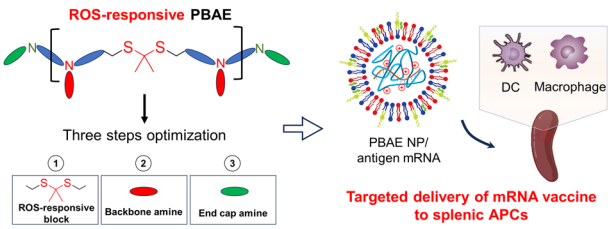

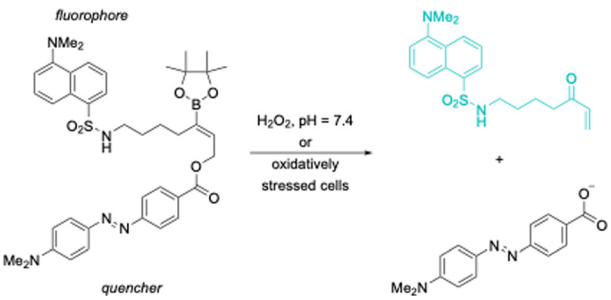

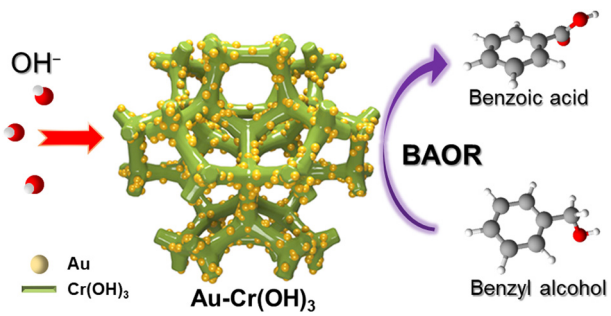

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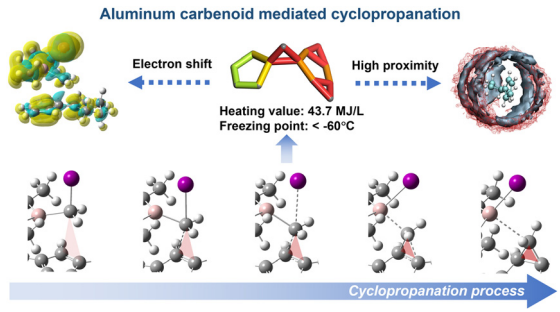

New insights into cyclopropanation: application in the synthesis of a novel high-heating-value hydrocarbon fuel derived from furfural

Haodong Zhang, Yisong Zhou, Jiawei Xie,* Yushuang Huang, Yakun Liu, Tingjiang Yan, Chang-an Zhou, Chao Wang, Kui Ma, Lei Song, Hairong Yue and Ji-Jun Zou

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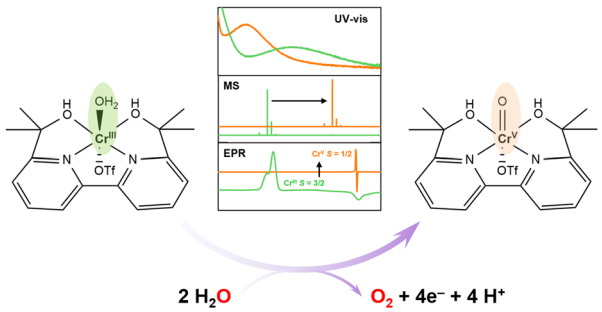

Identification of the Cr(v)═O intermediate in electrocatalytic water oxidation by a chromium(iii)–aqua complex

Zhi-Kai Shen, Zi-Jian Li, Zhigang Zou and Zhen-Tao Yu*

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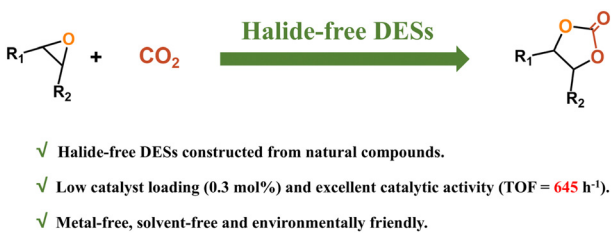

Halide-free deep eutectic solvents constructed from natural compounds for converting carbon dioxide to cyclic carbonate

Wen-Wang Yu, Xiang-Guang Meng,* Wen Li, Jie Zhou, Xian-Jian Ma and Dan-Dan Chu

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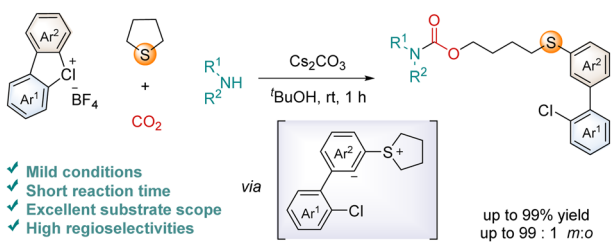

Metal-free four-component coupling of cyclic diarylchloronium salts, tetrahydrothiophene, amines and carbon dioxide

Bangxiong Kang, Wei Li, Huanfeng Jiang and Chaorong Qi*

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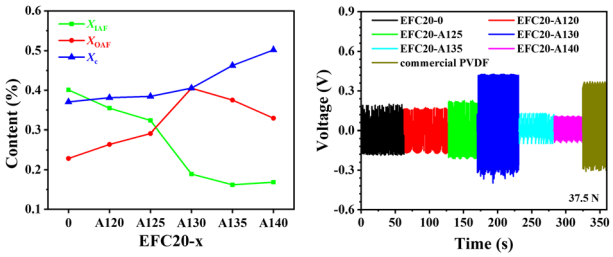

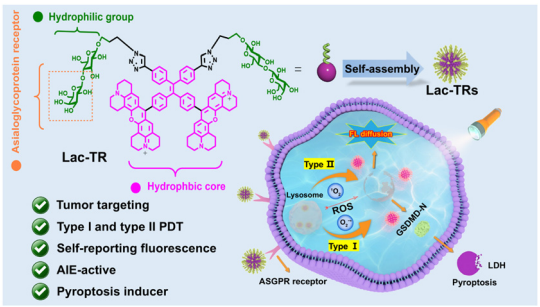

CORRECTION