Chemical Science

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IN THIS ISSUE

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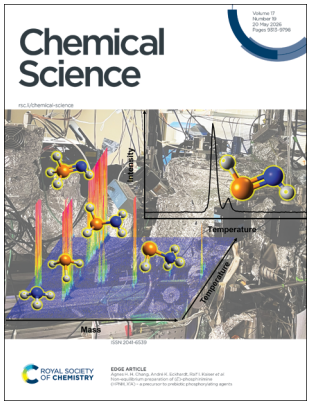
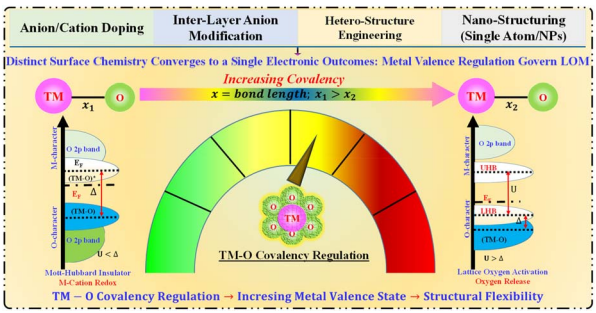
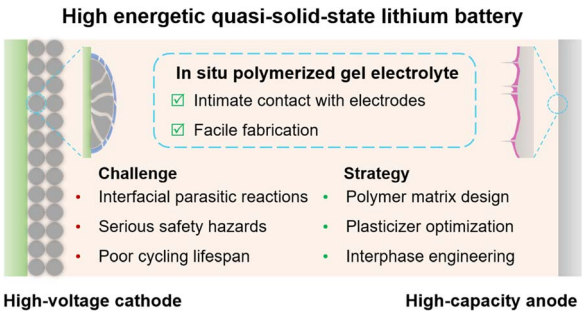


Cover
See Agnes H. H. Chang, André K. Eckhardt, Ralf I. Kaiser *et al.*, pp. 9446–9453. Image reproduced by permission of Jia Wang from *Chem. Sci.*, 2026, **17**, 9446.

PERSPECTIVE



REVIEWS



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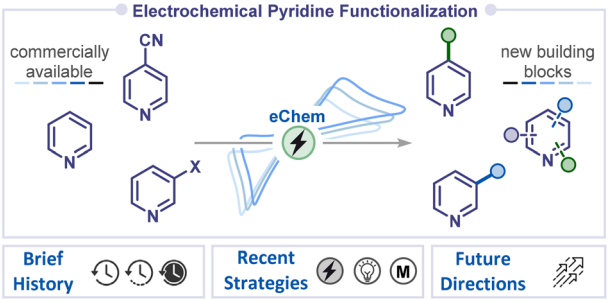

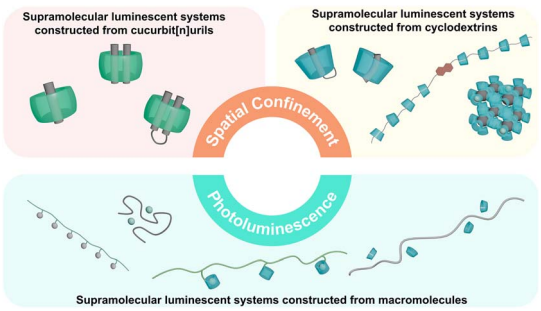

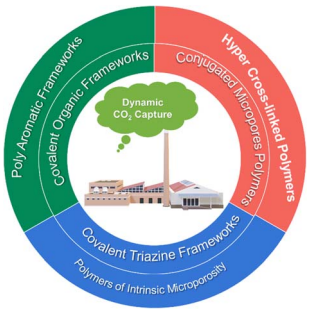

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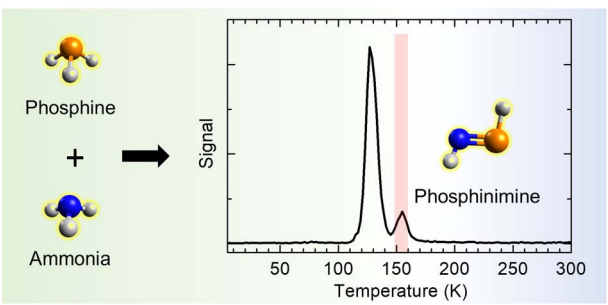

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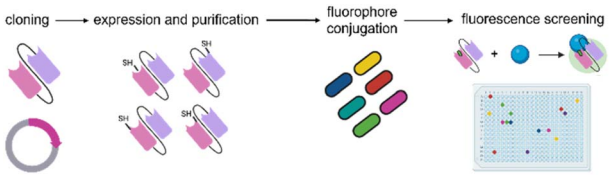

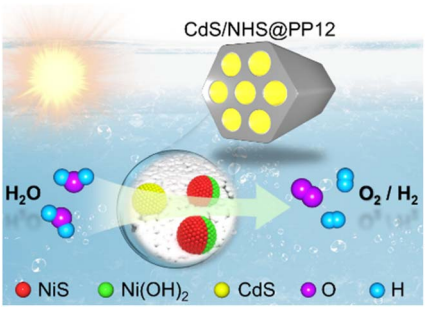

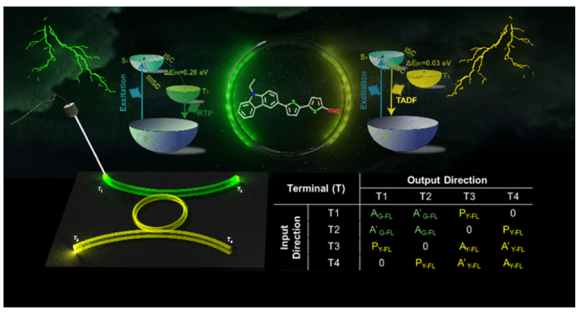

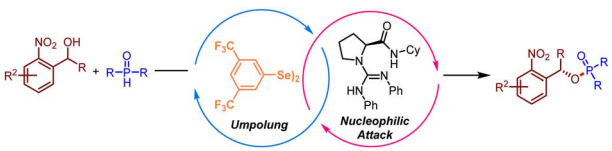

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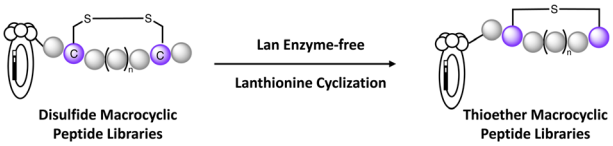

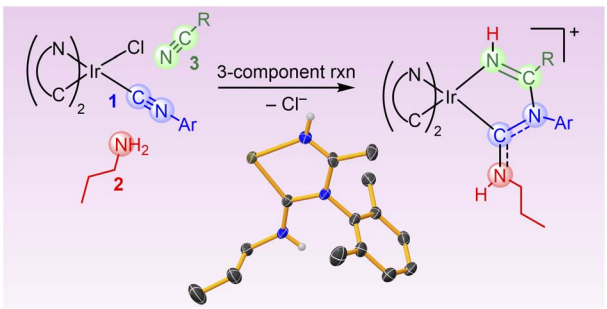

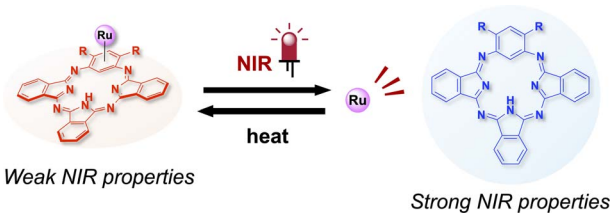

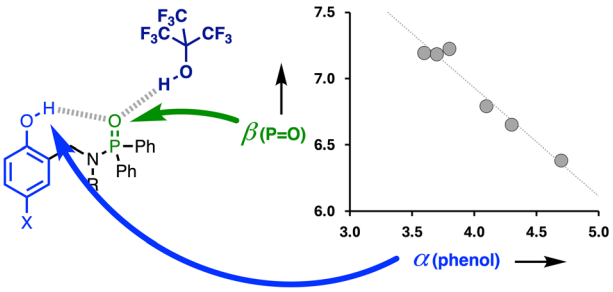

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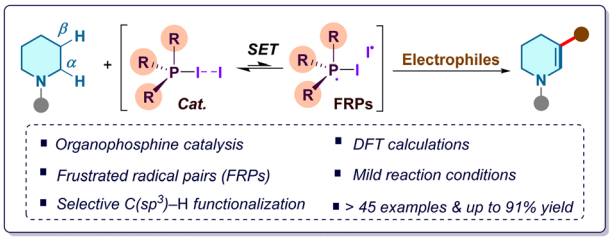
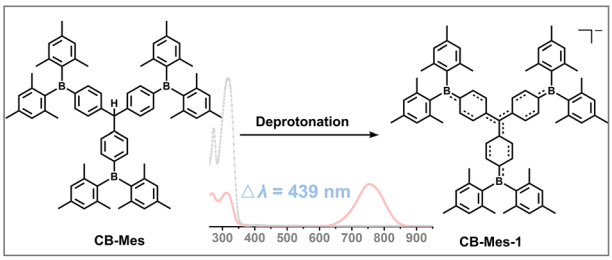


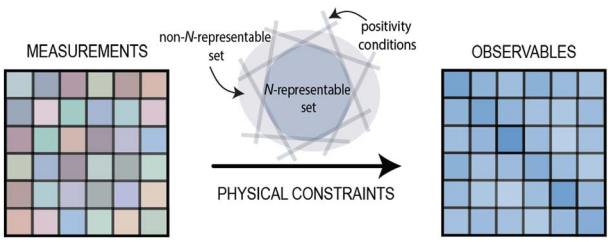
Phosphine-catalyzed β-C(sp^3)–H functionalization of cyclic amines *via* a halogen based frustrated radical pairs approach

Yukun Xie, Xiaodan Meng, Chenrui Liu, Jiaming Tan, Xiaoxiang Zhang, Zhuan Zhang, Shicheng Dong* and Taoyuan Liang*



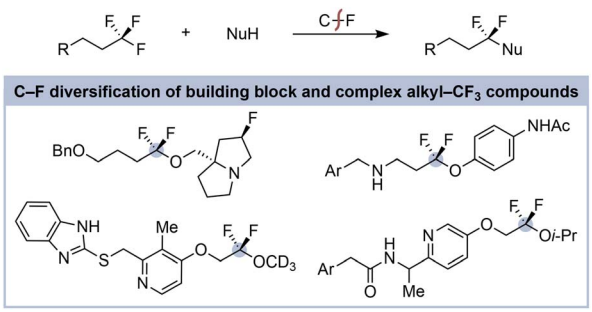
Tris((4-BMes$_2$)phenyl)methanide: a carbanion with a delocalised triple quinoidal structure

Yufeng Zhang, Johannes Krebs, Alexandra Friedrich, Shigehiro Yamaguchi, Ivo Krummenacher, Holger Braunschweig, Todd B. Marder* and Lei Ji*



Constrained shadow tomography for molecular simulation on quantum devices

Irma Avdic, Yuchen Wang, Michael Rose, Lillian I. Payne Torres, Anna O. Schouten, Kevin J. Sung and David A. Mazziotti*



A Brønsted acid–base approach for the net monoselective C–F substitution of (trifluoromethyl) alkanes

Nicholas J. Coradi and Jeffrey S. Bandar*

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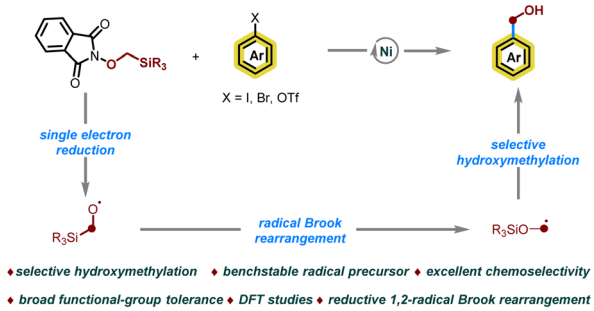

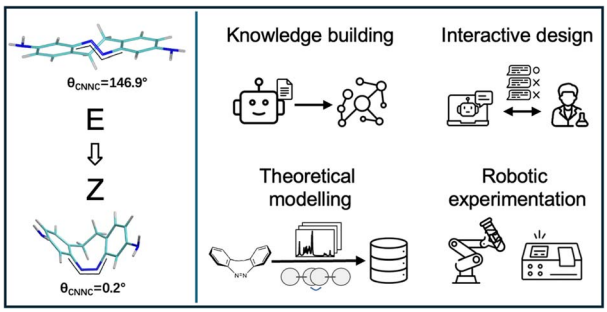

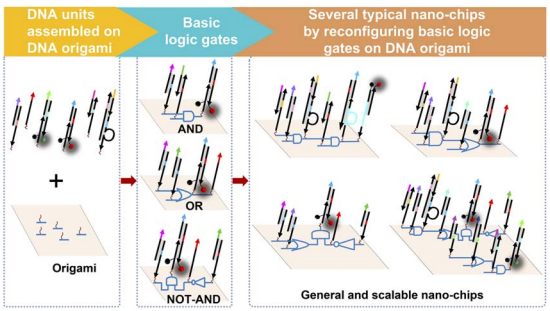

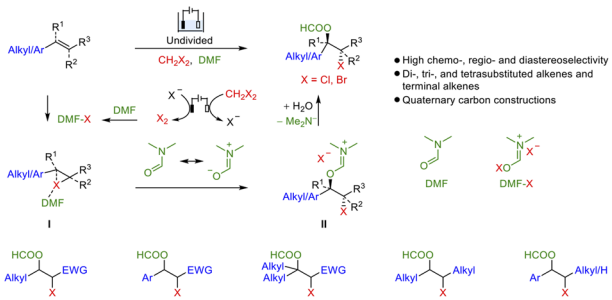

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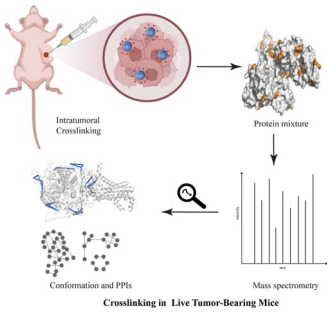

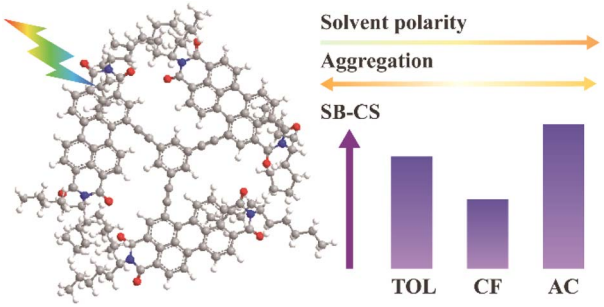

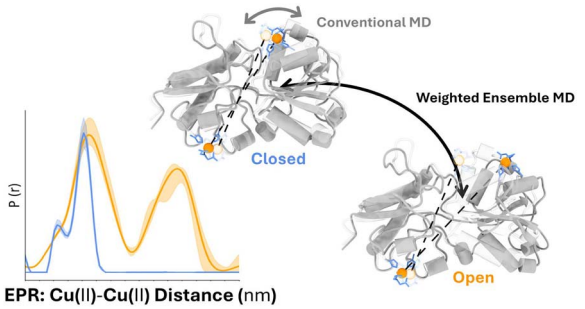

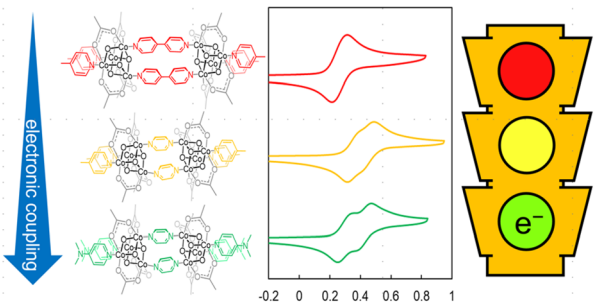

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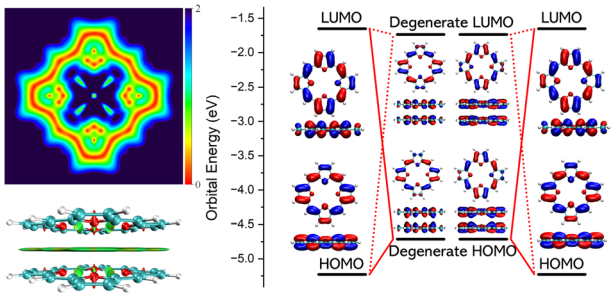
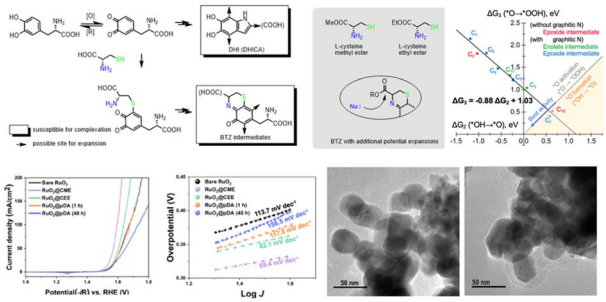


Change of the aromatic nature through face-to-face stacking

Qian Wang, Rinat T. Nasibullin and Dage Sundholm*



Ultrasmooth and thin pheomelanin-like film as a metal-free electrocatalytic enhancer

Chan Yeon Kim, Jae Ryeol Jeong, Seong Ah Jo, Jun Seok Park, Joowon Choi, Myung Jun Kim, Minho Kim,* Kyungtae Kang* and Min Hyung Lee*

CORRECTION

Correction: Controlled intra- and extracellular localization of bioorthogonal polymeric nanozymes

Cristina-Maria Hirschbiegel, Mathangi Shrikanth, Yagiz Anil Cicek, Nourina Nasim, Joe Truong, Junwhee Yang, Alexander Ribbe, Maged Abdelaziz and Vincent M. Rotello*