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IN THIS ISSUE

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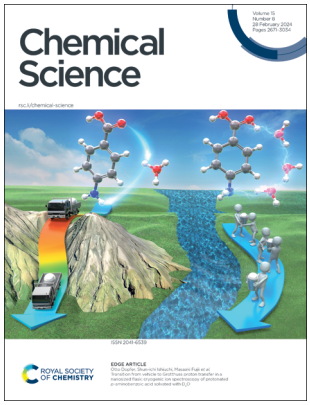

Cover
See Otto Dopfer, Shun-ichi Ishiuchi, Masaaki Fujii *et al.*, pp. 2725–2730. Image reproduced by permission of Masaaki Fujii from *Chem. Sci.*, 2024, **15**, 2725.

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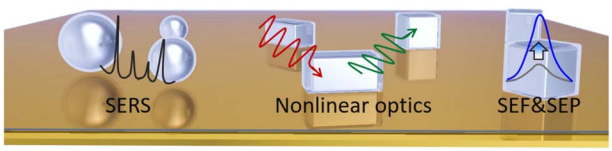
See Jeremiah J. Gassensmith *et al.*, pp. 2731–2744. Image reproduced by permission of Ryanne Ehrman from *Chem. Sci.*, 2024, **15**, 2731.

PERSPECTIVES



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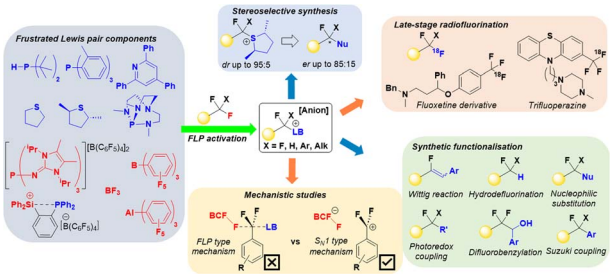

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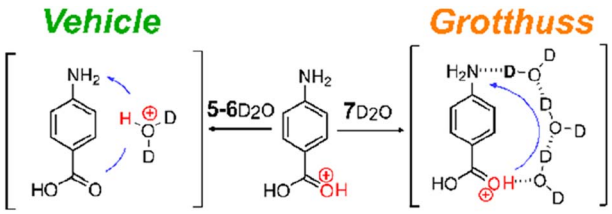

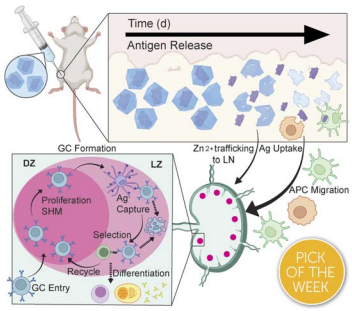

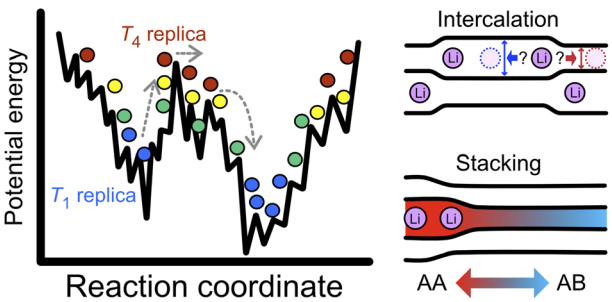

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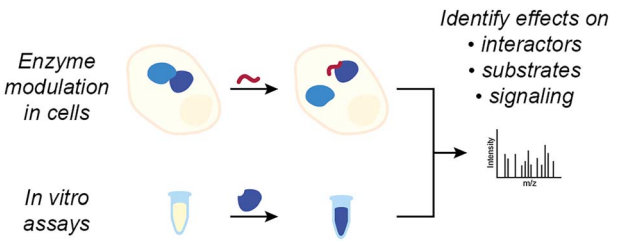

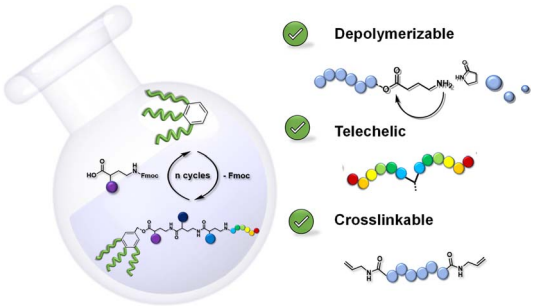

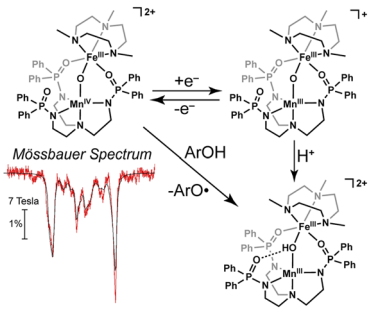

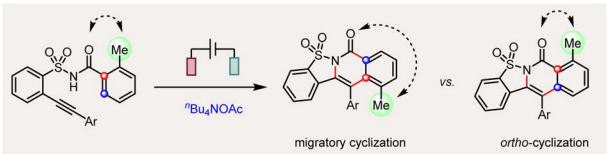

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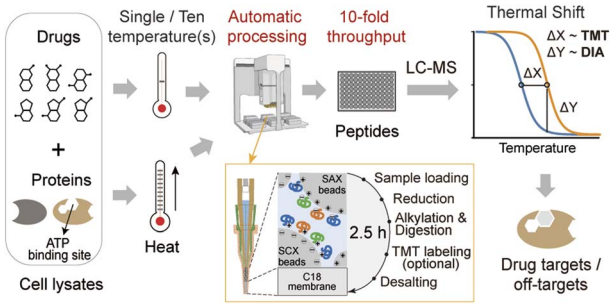

High-throughput drug target discovery using a fully automated proteomics sample preparation platform

Qiong Wu, Jiangnan Zheng, Xintong Sui, Changying Fu, Xiaozhen Cui, Bin Liao, Hongchao Ji, Yang Luo, An He, Xue Lu, Xinyue Xue, Chris Soon Heng Tan* and Ruijun Tian*

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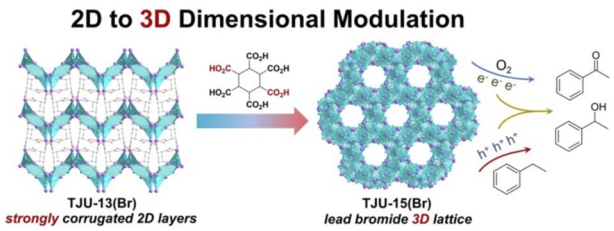

Promoting the formation of metal–carboxylate coordination to modulate the dimensionality of ultrastable lead halide hybrids

Yilin Jiang, Jinlin Yin, Ruonan Xi and Honghan Fei*

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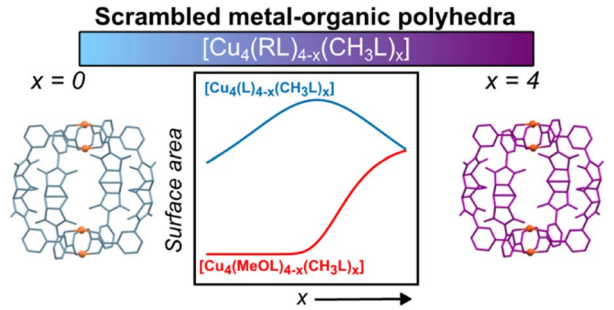

Improving the gas sorption capacity in lantern-type metal–organic polyhedra by a scrambled cage method

Beatriz Doñagueda Suso, Zaoming Wang, Alan R. Kennedy, Ashleigh J. Fletcher, Shuhei Furukawa and Gavin A. Craig*

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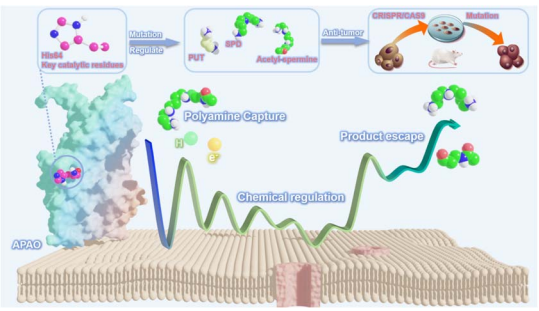

Enzymatic-related network of catalysis, polyamine, and tumors for acetylpolyamine oxidase: from calculation to experiment

Dong Fang, Zhiyang Zhang, Jihang Zhai, Baolin Guo, Pengfei Li, Xiaoyuan Liu, Jinshuai Song, Songqiang Xie, Ruibo Wu, Yuan Zhao* and Chaojie Wang*

EDGE ARTICLES

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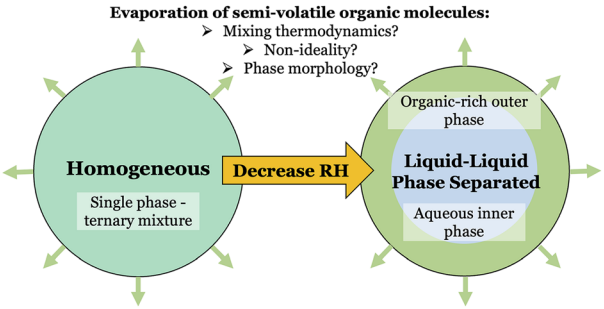

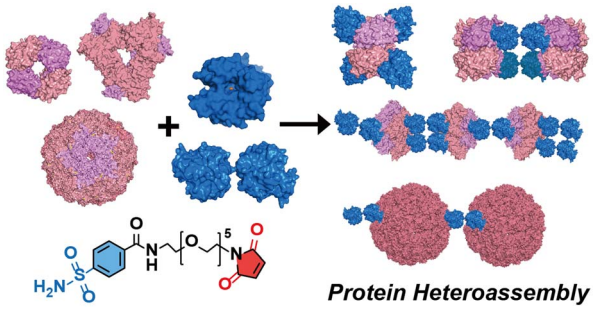

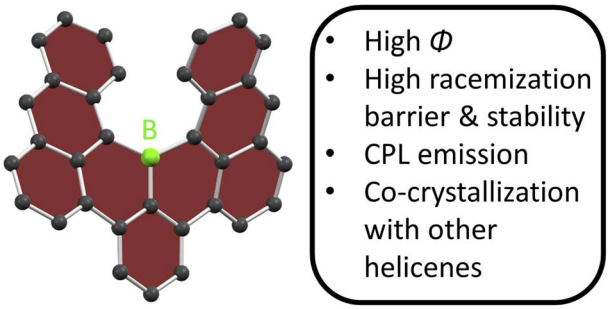

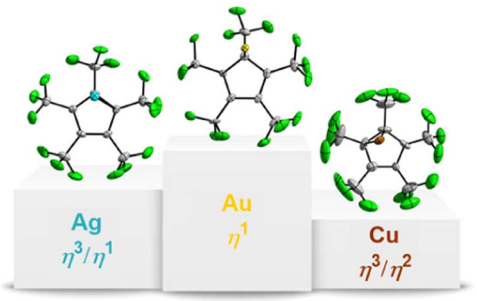

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^{109}Ag NMR chemical shift as a descriptor for Brønsted acidity from molecules to materials

Colin Hansen, Scott R. Docherty, Weicheng Cao, Alexander V. Yakimov and Christophe Copéret*