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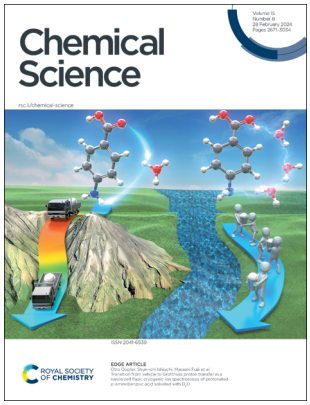
ISSN 2041-6539 CODEN CSHCBM 15(8) 2671–3034 (2024)



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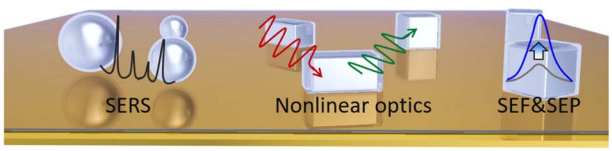
See Jeremiah J. Gassensmith *et al.*, pp. 2731–2744. Image reproduced by permission of Ryanne Ehrman from *Chem. Sci.*, 2024, **15**, 2731.

PERSPECTIVES



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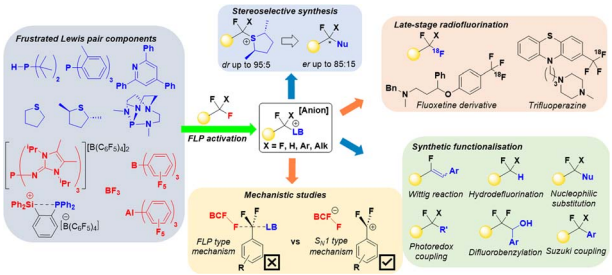

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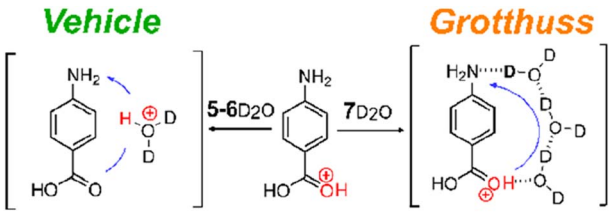

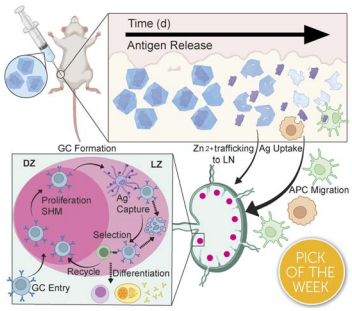

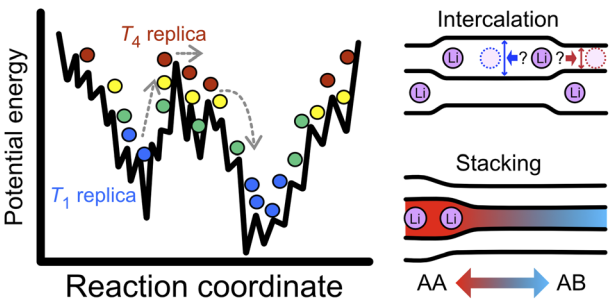

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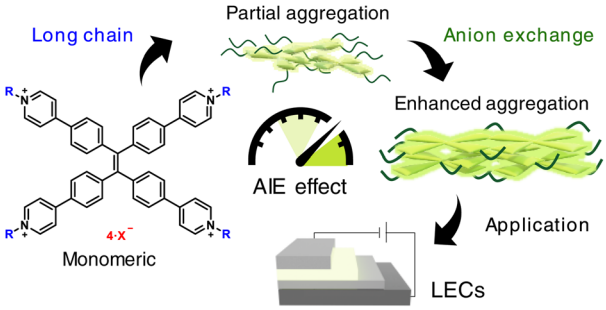

Controlling aggregation-induced emission by supramolecular interactions and colloidal stability in ionic emitters for light-emitting electrochemical cells

Alba Sanz-Velasco, Olivia Amargós-Reyes, Aya Kähäri, Sophia Lipinski, Luca M. Cavinato, Rubén D. Costa,* Mauri A. Kostiainen and Eduardo Anaya-Plaza*

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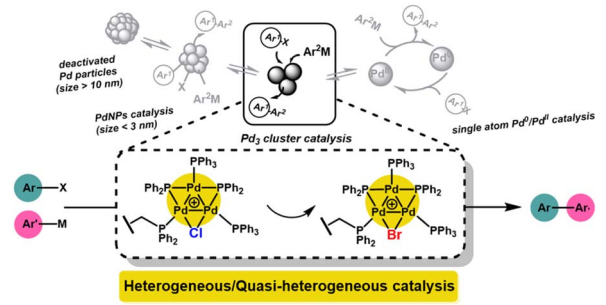

Evidence for Suzuki–Miyaura cross-couplings catalyzed by ligated Pd_3-clusters: from cradle to grave

Neda Jeddi, Neil W. J. Scott, Theo Tanner, Simon K. Beaumont* and Ian J. S. Fairlamb*

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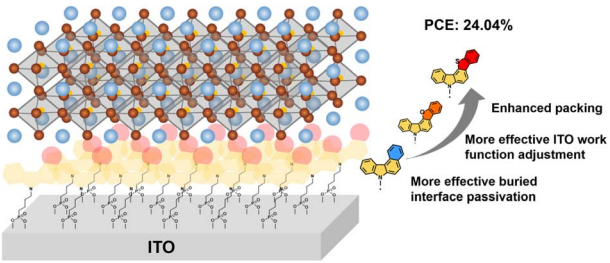

Rational molecular design of multifunctional self-assembled monolayers for efficient hole selection and buried interface passivation in inverted perovskite solar cells

Wenlin Jiang, Ming Liu, Yanxun Li, Francis R. Lin and Alex K.-Y. Jen*

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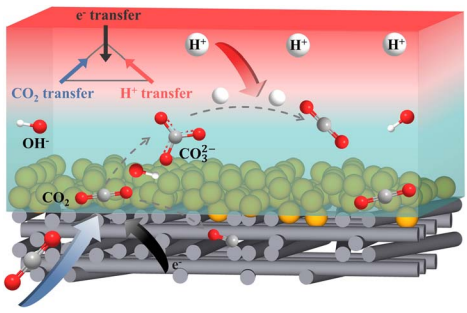

Unravelling the carbonate issue through the regulation of mass transport and charge transfer in mild acid

Zhongshuo Zhang, Qian Lu, Jiping Sun, Guangchao Li, Weixing Wu, Zhanyou Xu, Liangpang Xu and Ying Wang*

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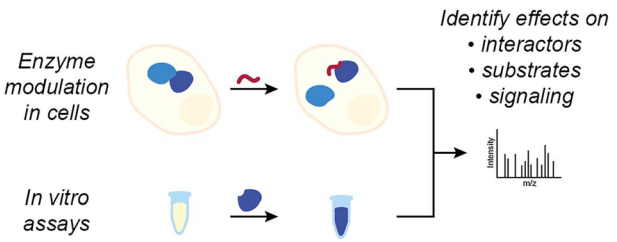
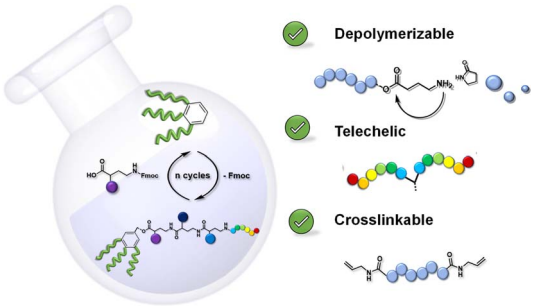
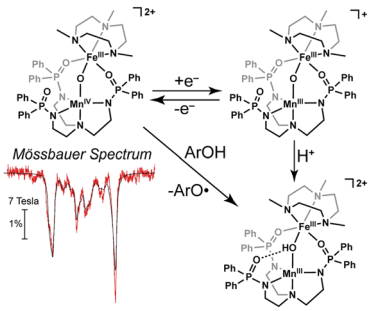
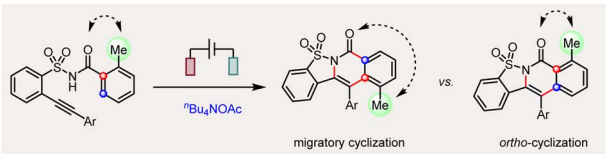
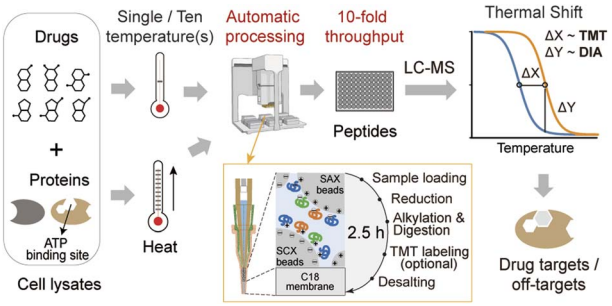




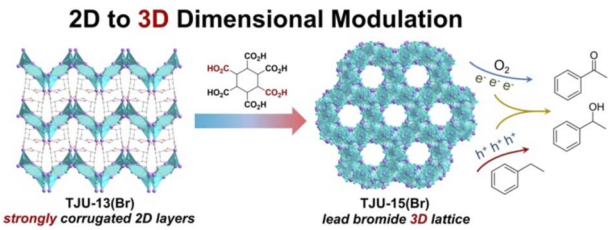






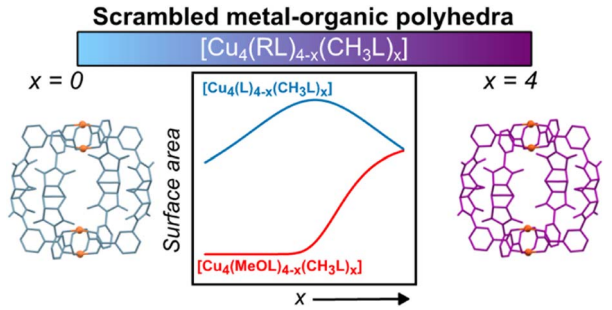
High-throughput drug target discovery using a fully automated proteomics sample preparation platform

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*



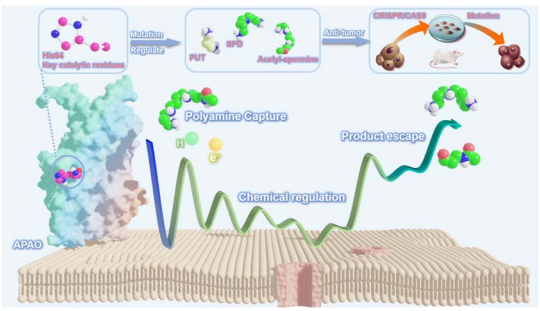
Promoting the formation of metal–carboxylate coordination to modulate the dimensionality of ultrastable lead halide hybrids

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



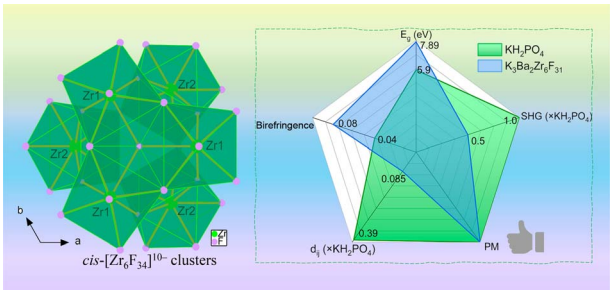
Improving the gas sorption capacity in lantern-type metal–organic polyhedra by a scrambled cage method

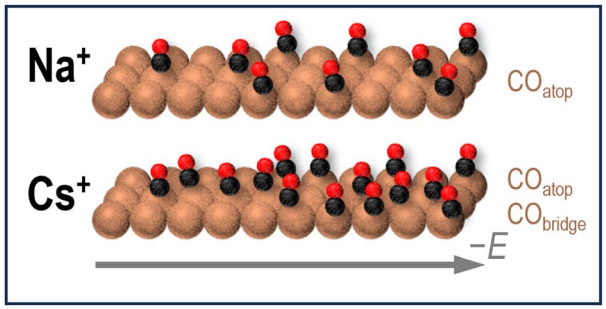
Beatriz Doñagueda Suso, Zaoming Wang, Alan R. Kennedy, Ashleigh J. Fletcher, Shuhei Furukawa and Gavin A. Craig*

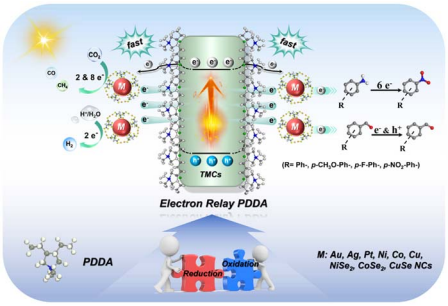


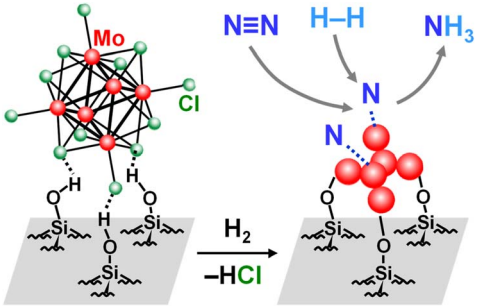
Enzymatic-related network of catalysis, polyamine, and tumors for acetylpolyamine oxidase: from calculation to experiment

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









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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*