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See Chengchao Xu, Huan Tang, Jigang Wang *et al.*, pp. 4313–4321. Image reproduced by permission of Jigang Wang from *Chem. Sci.*, 2024, **15**, 4313.

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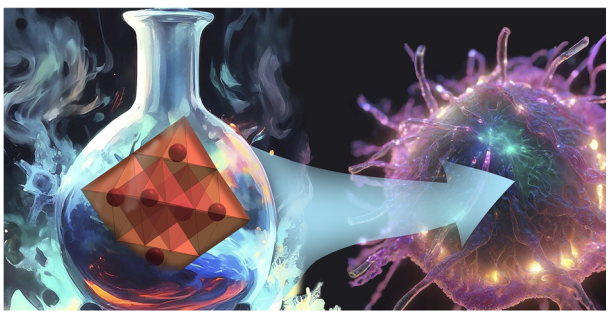
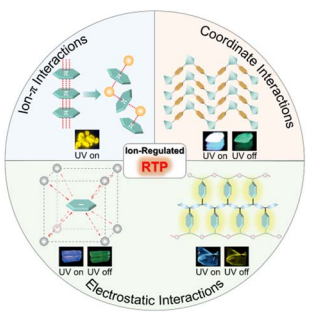
See Kirill Yu. Monakhov *et al.*, pp. 4202–4221. Image reproduced by permission of Kirill Yu. Monakhov from *Chem. Sci.*, 2024, **15**, 4202.

PERSPECTIVES





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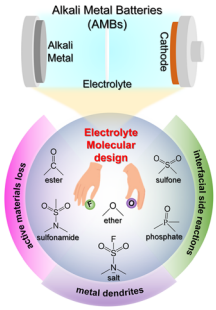
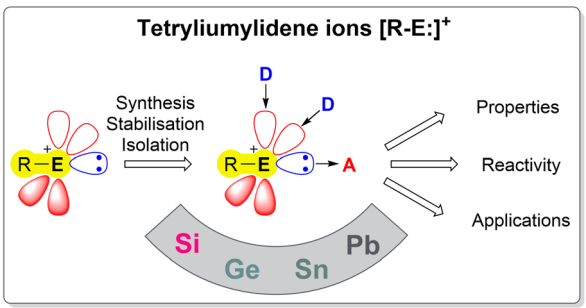
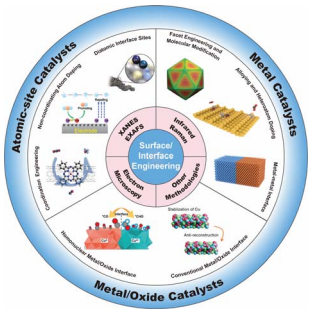
REVIEWS







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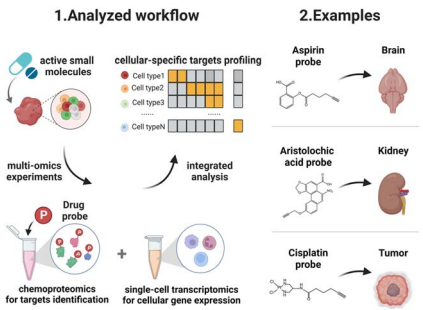

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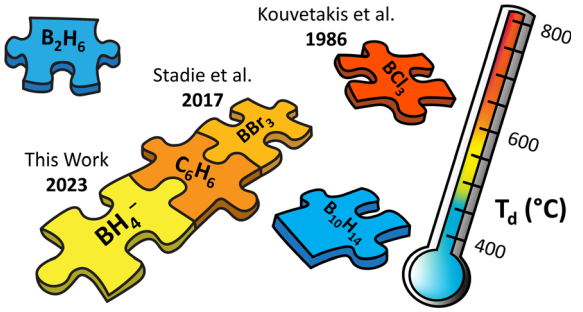

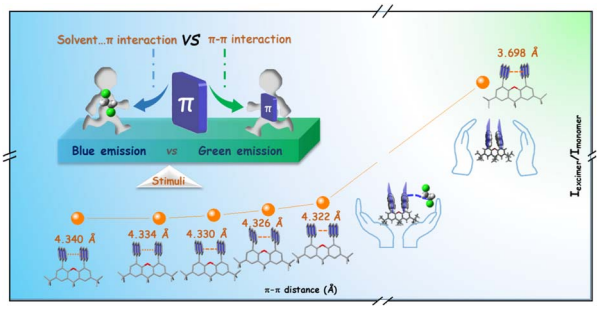

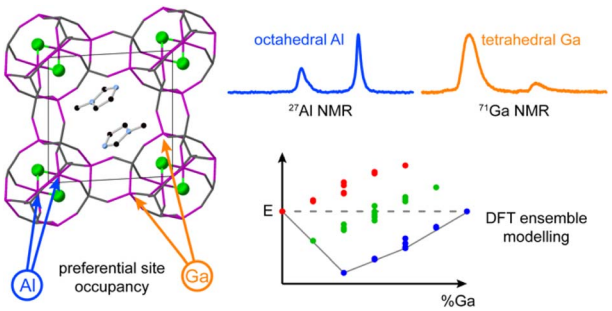

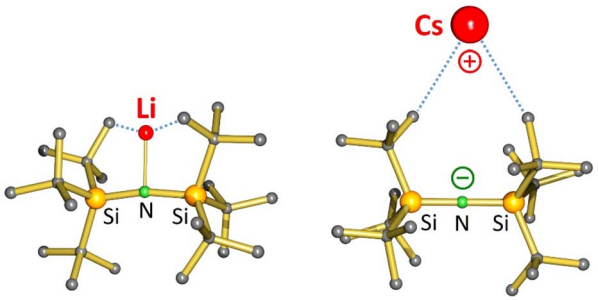

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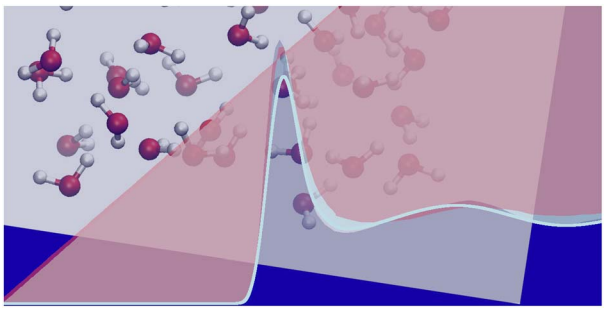

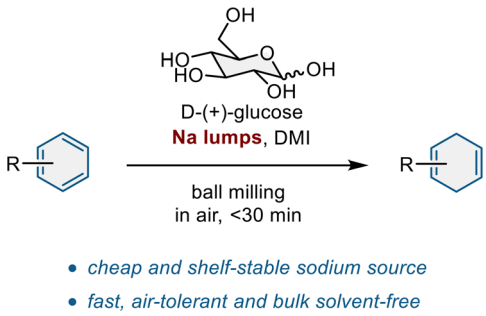

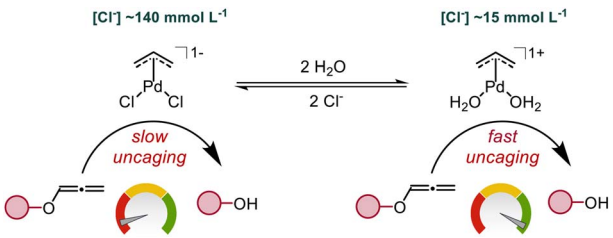

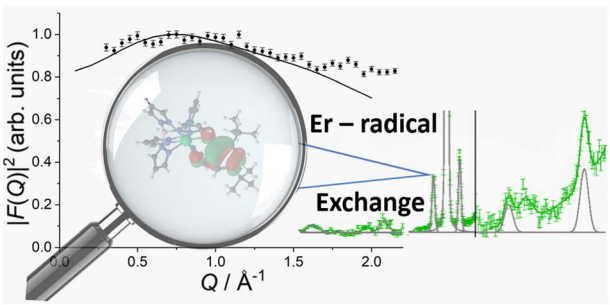

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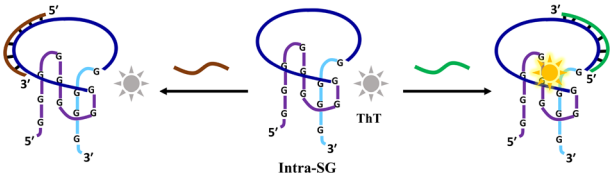

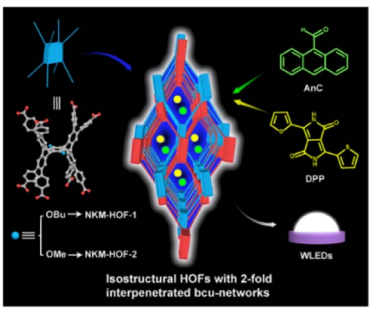

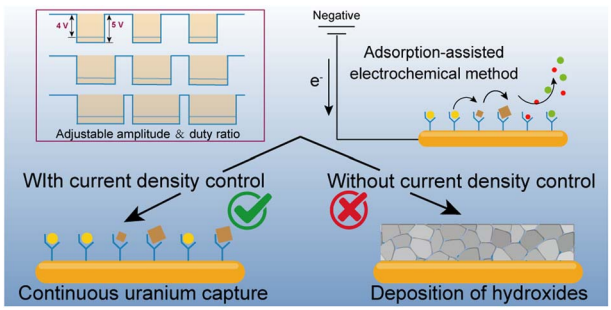

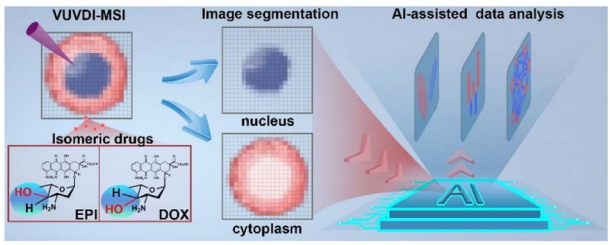

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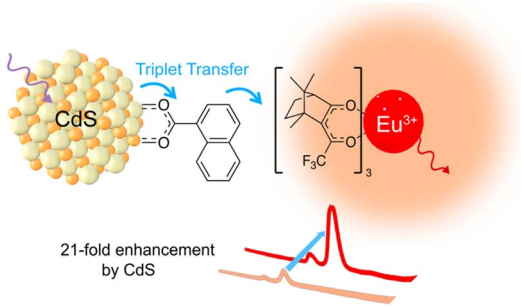
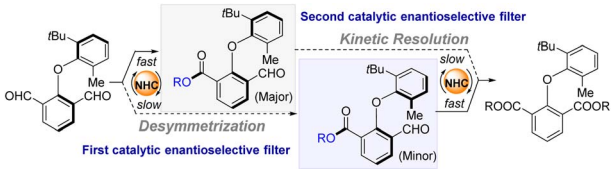


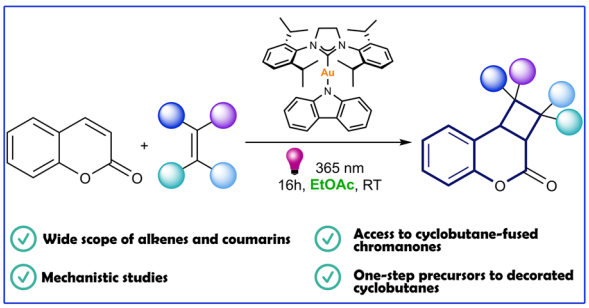
Triplet energy transfer from quantum dots increases Ln(III) photoluminescence, enabling excitation at visible wavelengths

Tingting Huang, Sheng He, Anji Ni, Tianquan Lian* and Ming Lee Tang*



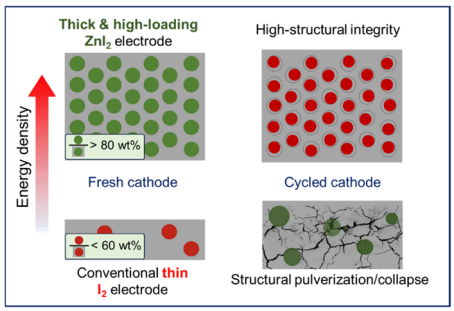
Synthesis of axially chiral diaryl ethers *via* NHC-catalyzed atroposelective esterification

Yingtao Wu, Xin Guan, Huaqiu Zhao, Mingrui Li, Tianlong Liang, Jiaqiong Sun, Guangfan Zheng* and Qian Zhang*



Synthesis of cyclobutane-fused chromanones *via* gold-mediated photocatalysis

Vladislav A. Voloshkin, Marco Villa, Ekaterina A. Martynova, Marek Beliš, Kristof Van Hecke, Paola Ceroni* and Steven P. Nolan*



Unleashing the high energy potential of zinc–iodide batteries: high-loaded thick electrodes designed with zinc iodide as the cathode

Jingkang Ma, Alireza Azizi, Erhuan Zhang, Hong Zhang,* Anqiang Pan* and Ke Lu*