Chemical Science

rsc.li/chemical-science

The Royal Society of Chemistry is the world's leading chemistry community. Through our high impact journals and publications we connect the world with the chemical sciences and invest the profits back into the chemistry community.

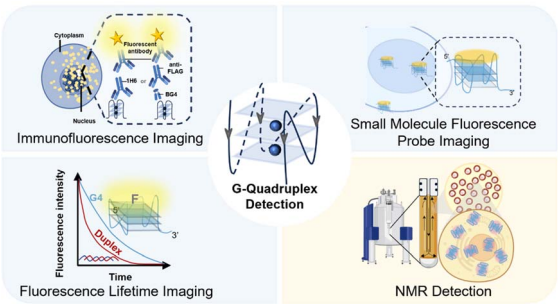
IN THIS ISSUE

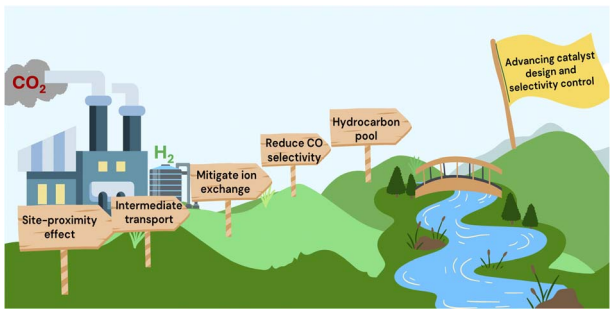
ISSN 2041-6539 CODEN CSHCBM 16(23) 10067–10624 (2025)

Cover
See Olexandr Isayev *et al.*, pp. 10228–10244. Image reproduced by permission of Olexandr Isayev and Tetiana Zubatyuk from *Chem. Sci.*, 2025, **16**, 10228.

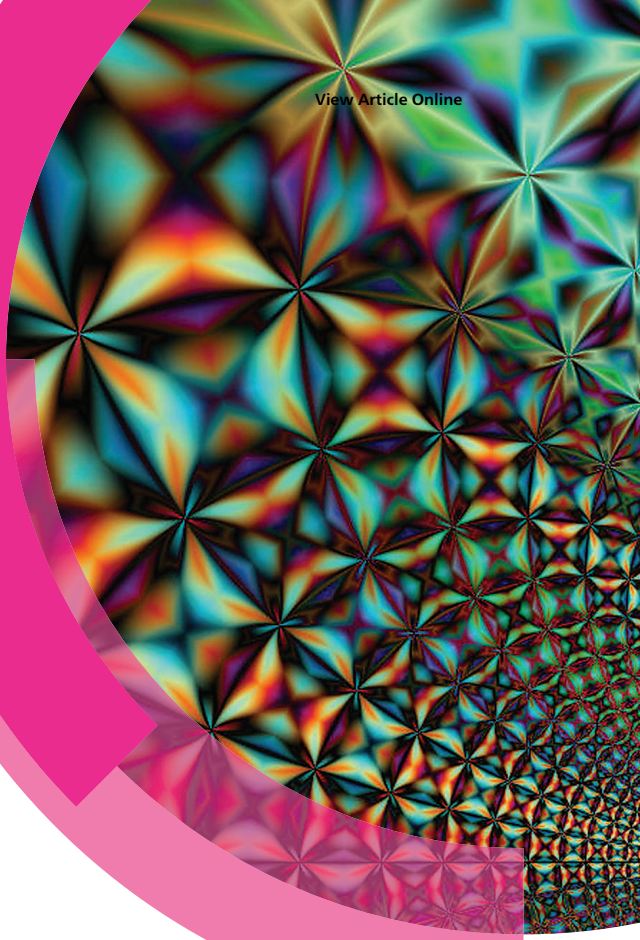
Inside cover
See Shi-Hua Chen, Meng Yang, Zong-Yin Song, Pei-Hua Li, Xing-Jiu Huang *et al.*, pp. 10245–10254. Image reproduced by permission of Rui-Ze Xia from *Chem. Sci.*, 2025, **16**, 10245.

PERSPECTIVES





ROYAL SOCIETY OF CHEMISTRY



RSC Advances

At the heart of open access for the global chemistry community

Editor-in-chief

Russell J Cox
Leibniz Universität Hannover, Germany

We stand for:

Breadth We publish work in all areas of chemistry and reach a global readership

Affordability Low APCs, discounts and waivers make publishing open access achievable and sustainable

Quality Research to advance the chemical sciences undergoes rigorous peer review for a trusted, society-run journal

Community Led by active researchers, we publish quality work from scientists at every career stage, and all countries

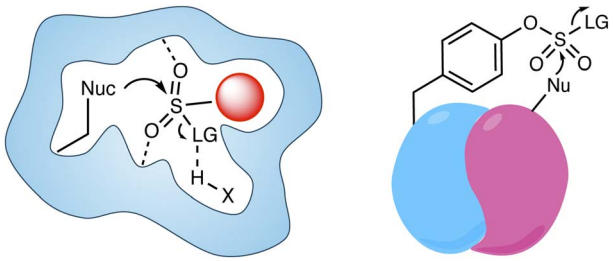
Submit your work now

rsc.li/rsc-advances

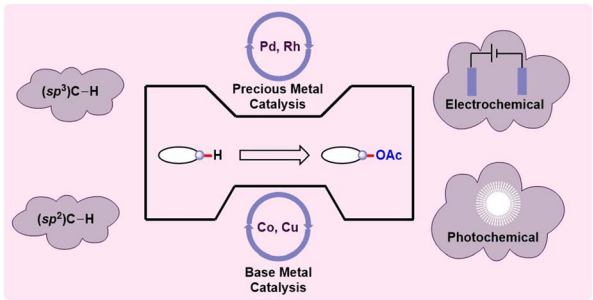
@RSC_Adv

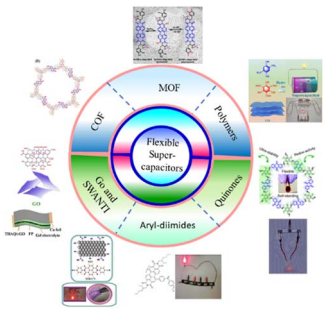
Registered charity number: 207890

PERSPECTIVES

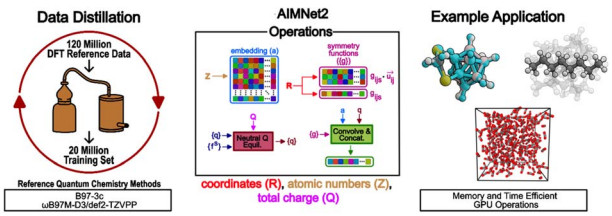


REVIEWS





EDGE ARTICLES

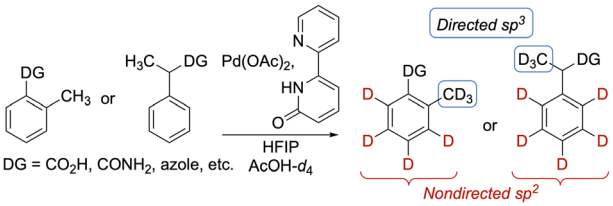


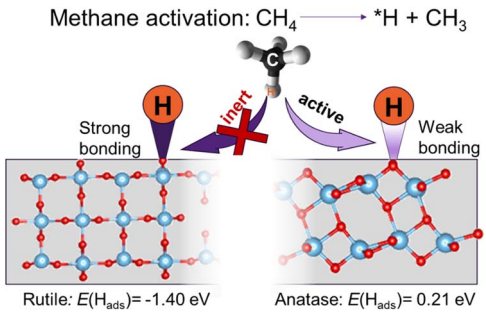
EDGE ARTICLES

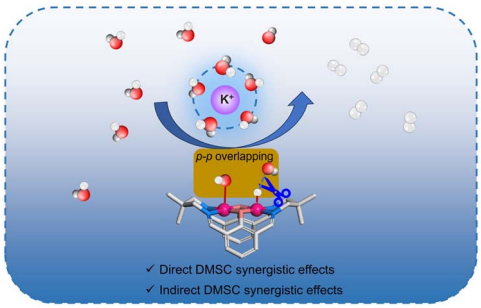
EDGE ARTICLES

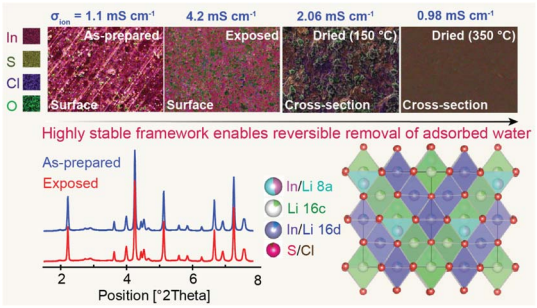
EDGE ARTICLES

EDGE ARTICLES



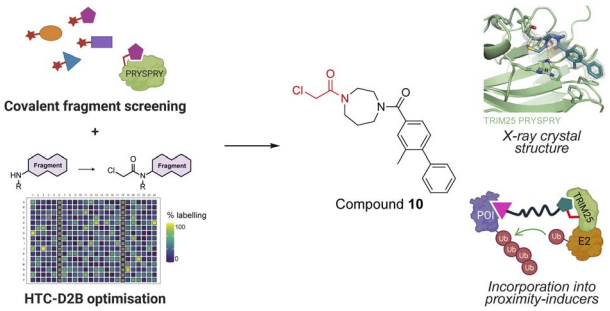


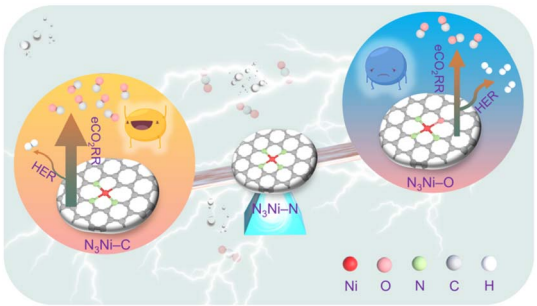


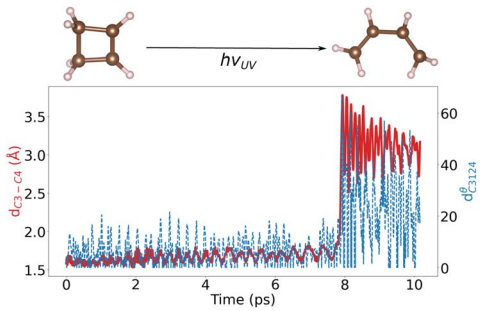


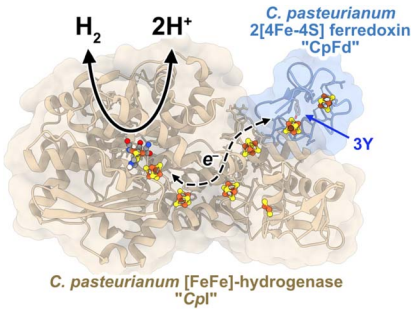
EDGE ARTICLES

EDGE ARTICLES



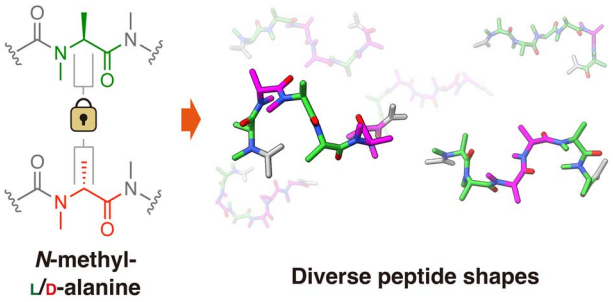


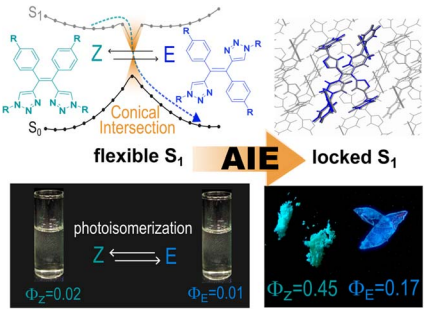


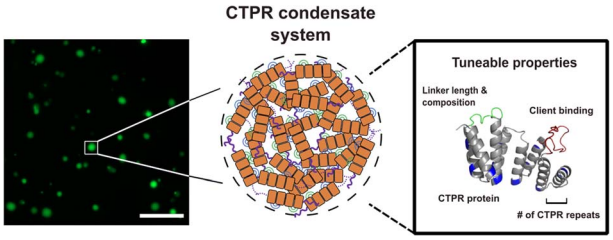


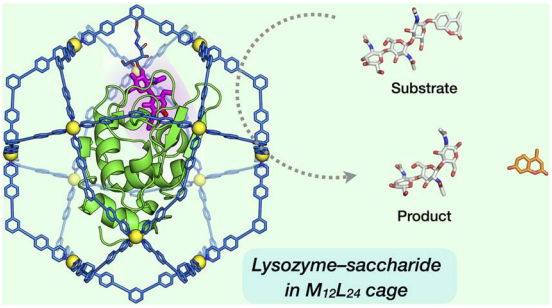
EDGE ARTICLES

EDGE ARTICLES



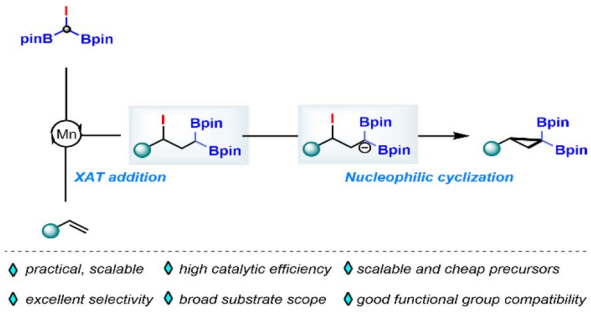


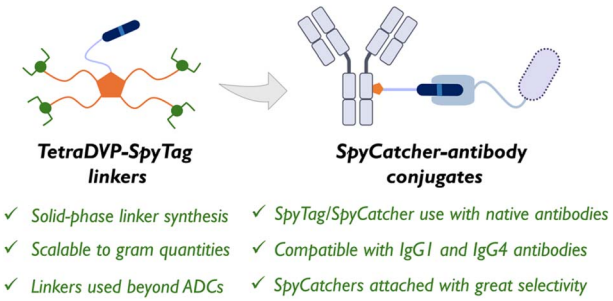


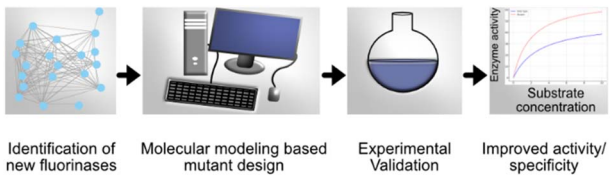


EDGE ARTICLES

EDGE ARTICLES







CORRECTIONS

CORRECTIONS

10621

Correction: Site- and stereoselective silver-catalyzed intramolecular amination of electron-deficient heterobenzylic C–H bonds

Tuan Anh Trinh, Stanislav Cherempei, Daniel S. Rampon and Jennifer M. Schomaker*