

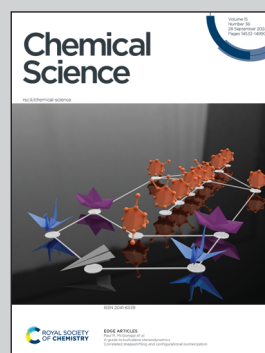


Showcasing research from Professor Mark MacLachlan's Laboratory, Department of Chemistry, The University of British Columbia, Vancouver, Canada.

π -Extended ligands with dual-binding behavior: hindered rotation unlocks unexpected reactivity in cyclometalated Pt complexes

This cover image, designed by Japanese graphic designer Satoshiro Tatara (TATARAS Design), illustrates the dual binding behavior of Pt complexes featuring π -extended ligands with two faces, reflecting the dual faces of the Roman god Janus. The structures also depict the slow rotation of a free aryl ring, which facilitates the formation of both 5-membered and 6-membered rings. The red and blue colors emphasize the difference in ring sizes.

As featured in:



See Miguel A. Soto,
Mark J. MacLachlan *et al.*,
Chem. Sci., 2024, **15**, 14644.