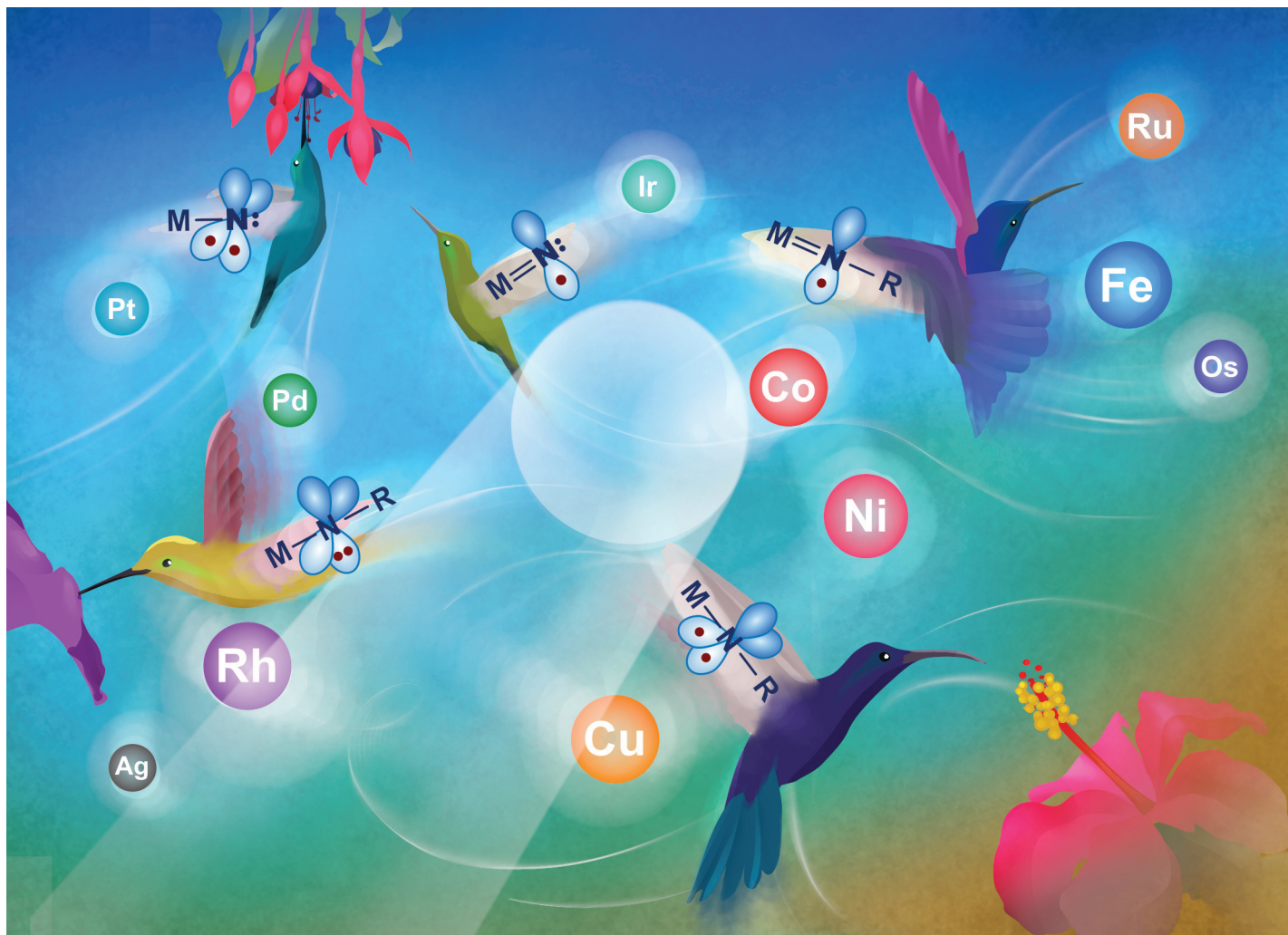


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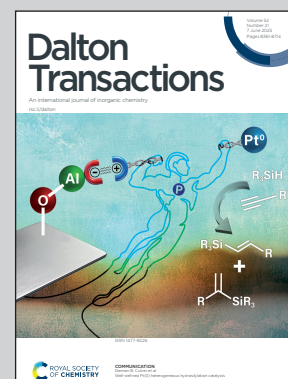
**Showcasing research from Dr. Werncke's laboratory,
Chemistry Department, Philipps-University Marburg,
Germany.**

Chasing isolable late d-block metal nitrenes and imidyls

Imido complexes of the late transition metals are of fundamental interest as transient species in bond activation catalysis. In this perspective, the recent successes regarding structurally authenticated imido metal imidyl and nitrene compounds, are presented. The perspective further extends to analogous metal imidyls and metalla nitrenes. This highly challenging, synthetic task shines light, as expressed in the cover picture, on the properties of the metal-nitrogen multiple bond as well as electronic ambiguities. These may fundamentally benefit constructive bond activation and nitrene transfer reactions.

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As featured in:



See C. Gunnar Werncke, *Dalton Trans.*, 2025, **54**, 8374.