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**Fundamental questions
Elemental answers**



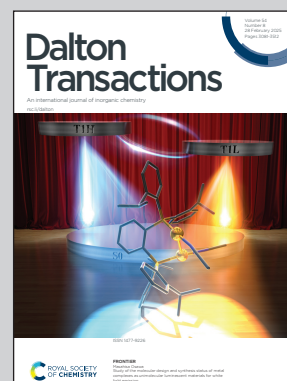
Showcasing research from Professor Ganesan Prabusankar's laboratory, Organometallic and Material Chemistry Lab, Department of Chemistry, Indian Institute of Technology Hyderabad, Kandi, Sangareddy, Telangana, India-502285.

Probing the nature of intramolecular $(sp^3)C-H\cdots Cu(I)$ interactions in organo thione copper(I) cages

The cover page illustrates the attractive force between Copper(I) and Hydrogen in a delightful and philosophical manner. The theme of the work has been embroidered using pink butterflies with Cu spots fluttering through the blue sky, and its approach towards the aroma of the flowers *via* H-atom scripted within the bubbles. The aroma of the flowers towards the butterfly has been visualized by sprinkling blotches representing the non-covalency of the $Cu\cdots H$ interaction. More information can be found in the full paper by G. Prabusankar *et al.*

Acknowledgment: Images by open clipart - Maryna Stryzhak, Likanaris, Gia Leuterio, Krolestwo Nauki, Nutsurang Na Nakorn, Sketchify, Mohamed Hassan, *via* Canva.com.

As featured in:



See Ganesan Prabusankar *et al.*, *Dalton Trans.*, 2025, **54**, 3118.