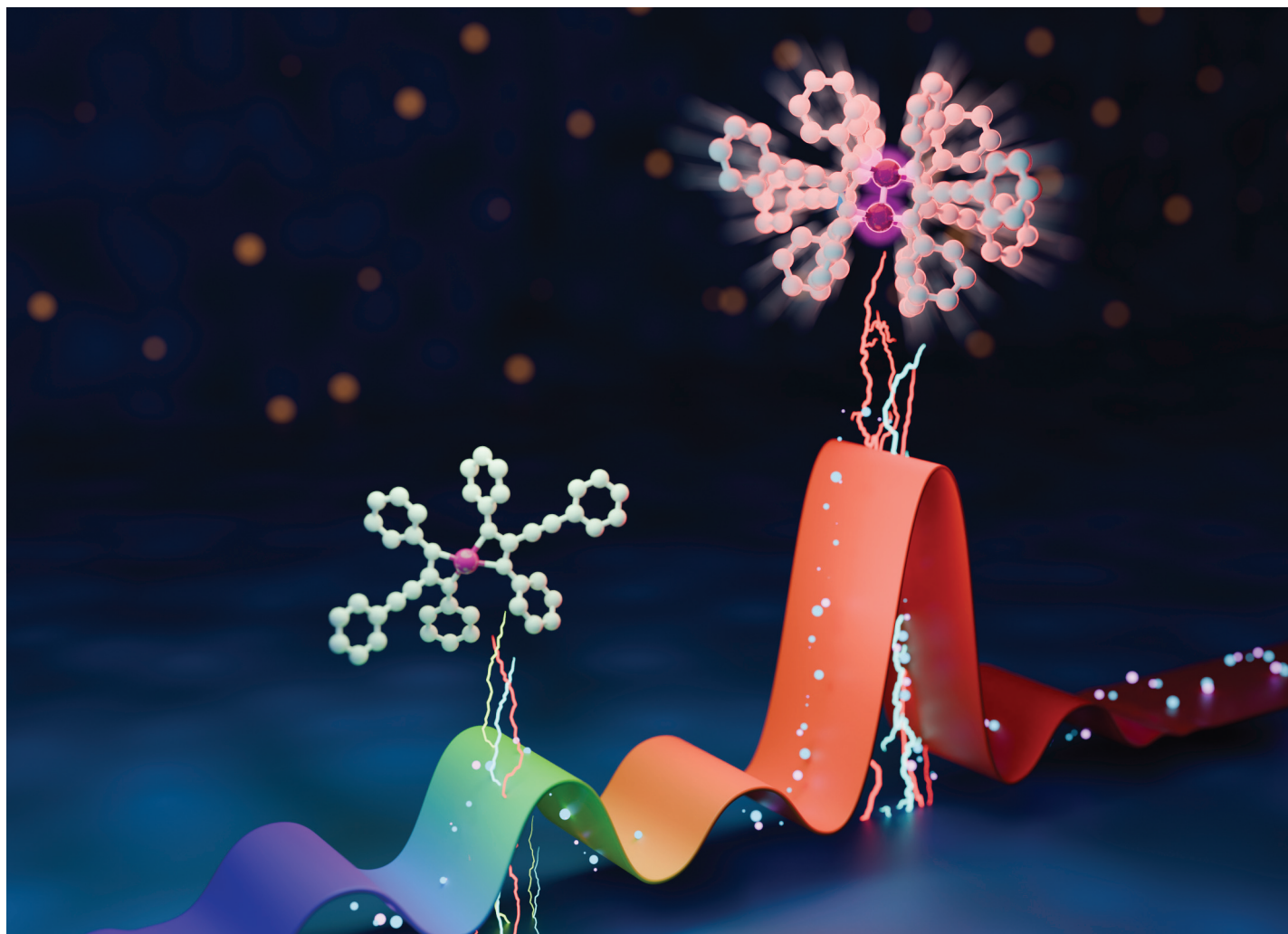


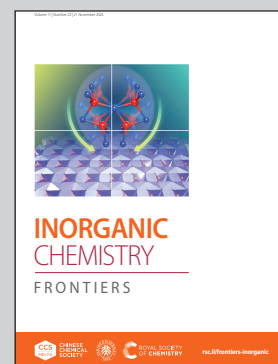


Showcasing research from Professor Malkanthi Karunananda's laboratory, Department of Chemistry, Saint Louis University, MO, USA.

Effects of metal-metal bonding in photosensitizers: red-shifted absorption and oscillator strength enhancement

Metal-metal bonding of known bimetallic photosensitizers was explored using computational modelling benchmarked by established experimental parameters. The analysis reveals that metal-metal bonds facilitate a red-shift in the maximum absorption wavelength (λ_{max}) and an increase in the oscillator strength.

As featured in:



See Oshan J. Jinarathne and Malkanthi K. Karunananda, *Inorg. Chem. Front.*, 2024, 11, 7812.

Registered charity number: 207890