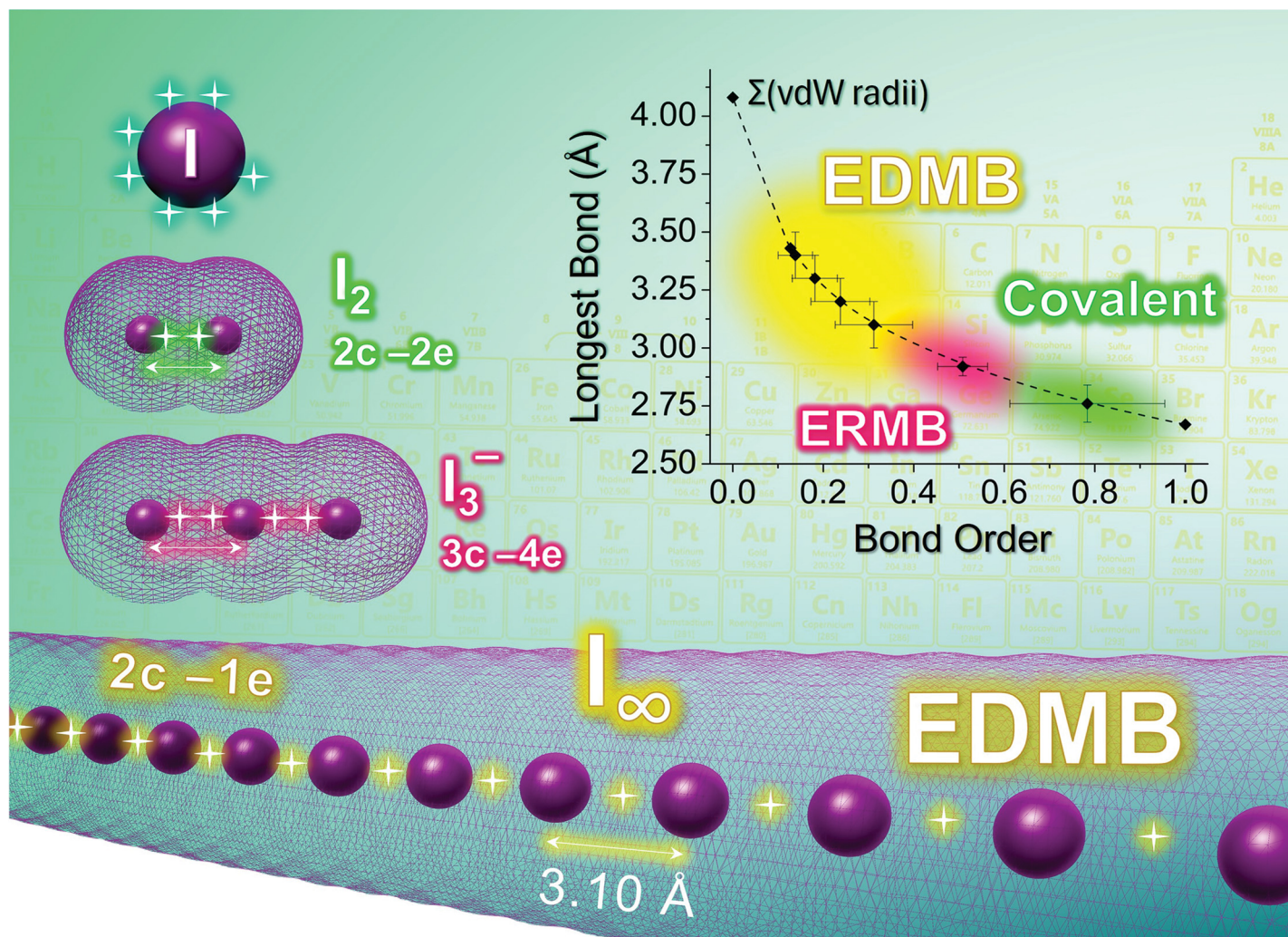




Showcasing research from a collaboration between the Technical University of Valencia (València, Spain), University San Raffaele Roma (Rome, Italy) and University of Burgos (Burgos, Spain).

Rethinking polyiodides: the role of electron-deficient multicenter bonds

This feature article provides an explanation for the linear/angular geometry and bond length alternation in different polyiodides as well as their relative stability considering the newly proposed electron-deficient multicenter bonding model for electron-rich elements. We propose a new way of explaining polyiodides with a revised Lewis dot formalism based on their building blocks (I^- , I_2 , I_3^-).

As featured in:



See Matteo Savastano, Francisco Javier Manjón *et al.*, *Chem. Commun.*, 2024, **60**, 12677.