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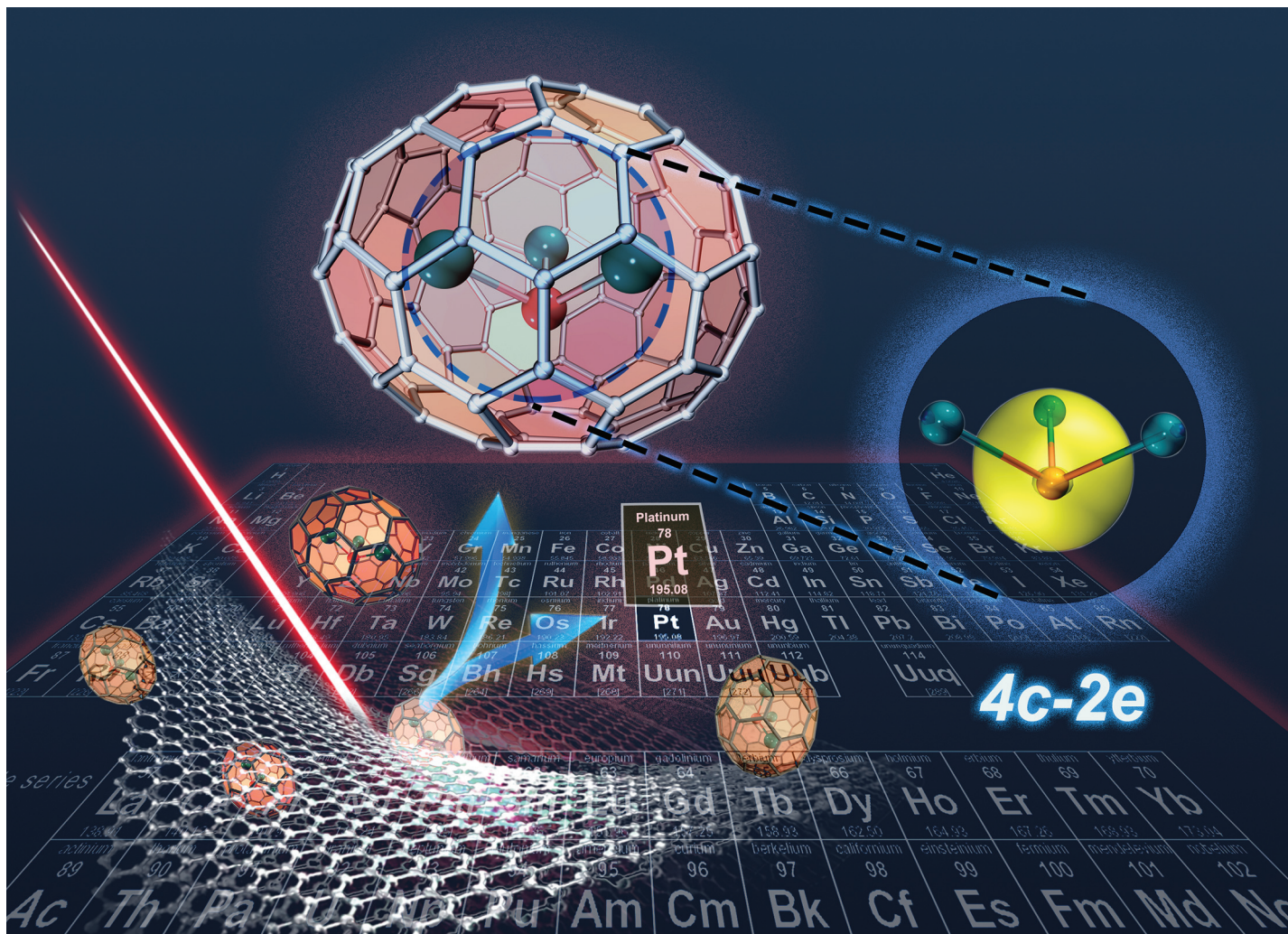


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Showcasing research from Professor Xianglei Kong's laboratory, College of Chemistry, Nankai University, Tianjin, China.

Structure and bonding properties of the platinum-mediated tetrametallic endohedral fullerene $\text{La}_3\text{Pt}@C_{98}$

Platinum atom can serve as a mediator to form tetrametallic endohedral fullerenes! The EMF of $\text{La}_3\text{Pt}@C_{98}$ was detected by laser ablation mass spectrometry and studied by theoretical calculations. Results show that the inner La_3Pt metallic cluster appears in a pyramidal shape, the cluster stabilized through a $4c-2e$ bond.

As featured in:



See Xianglei Kong *et al.*,
Dalton Trans., 2023, **52**, 7021.