

Triple 1D \equiv 1D Superatomic Bonding. Au₂₂(dppp)₆ as a Π^4 - and Δ^2 -Triply Bonded Cluster Based on Au₁₁ Assembled Units

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Content

Figure S1. 1P and 1D superatomic orbitals along Au₁₃⁵⁺, Au₁₂⁴⁺ and Au₁₁³⁺ bare cores.

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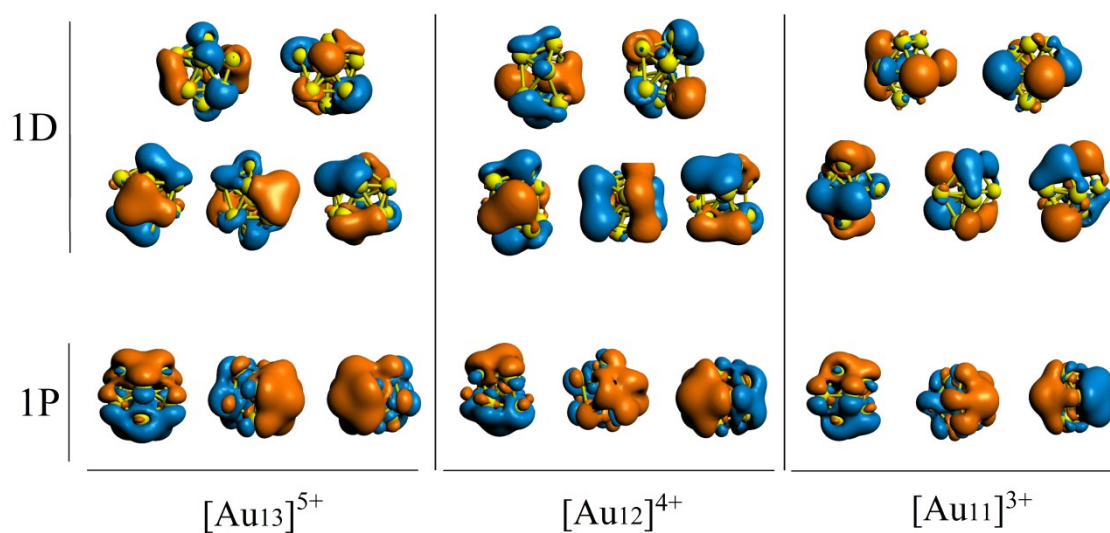


Figure S1. 1P and 1D superatomic orbitals along Au_{13}^{5+} , Au_{12}^{4+} and Au_{11}^{3+} bare cores, obtained by removing one and two Au vertices respectively from Au_{13}^{5+} , denoting the resemblance of their relevant superatomic shells. 1P remains as the highest occupied molecular orbital, and 1D as the lowest unoccupied molecular orbital.