

Supporting Information

Towards highly active heterogeneous catalysts via a sequential noncovalent bonding strategy

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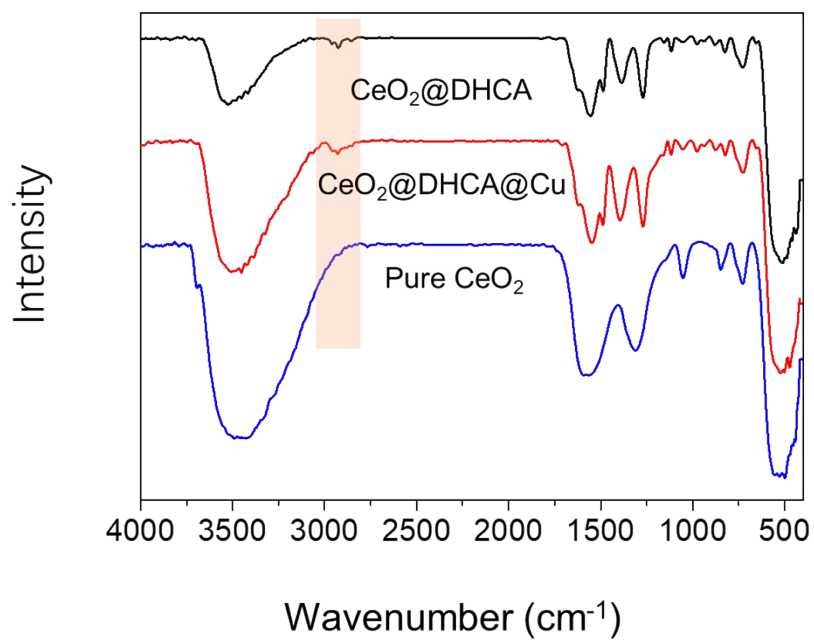


Figure S1. IR spectra of CeO₂@DHCA, CeO₂@DHCA@Cu and Pure CeO₂.

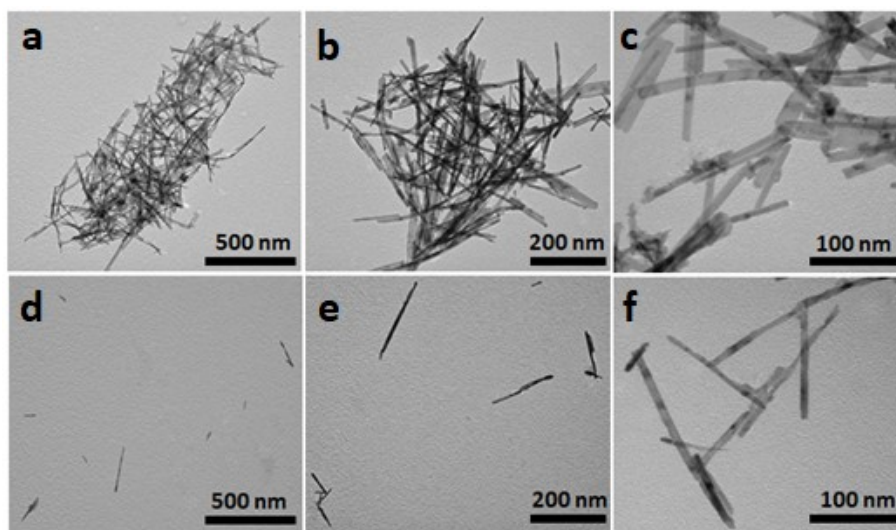


Fig. S2 (a-c) TEM image of the CeO₂ NRs with 3, 4-DHCA; (d-f) TEM image of CeO₂ INRs without 3, 4-DHCA.

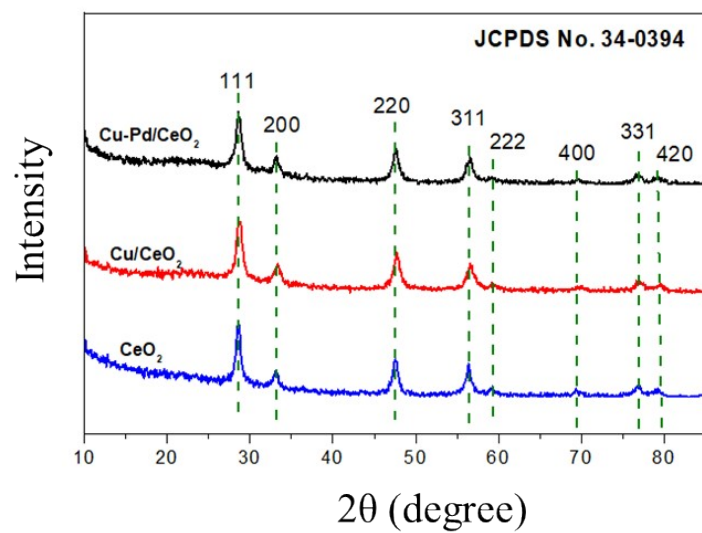


Fig. S3 XRD patterns of CeO₂, Cu/CeO₂ and Pd-Cu/CeO₂ nanorods

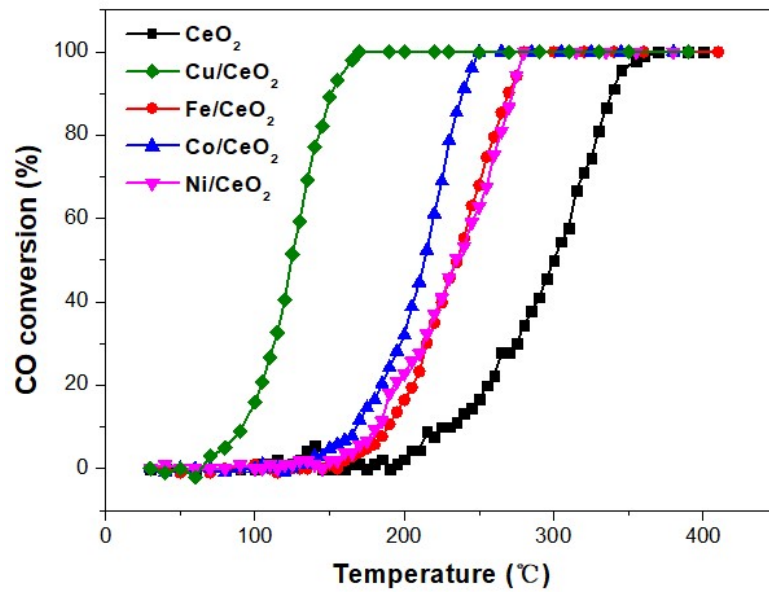


Fig. S4 Conversion of CO over CeO₂, Cu/CeO₂, Fe/CeO₂, Co/CeO₂, Ni/CeO₂ nanorods