

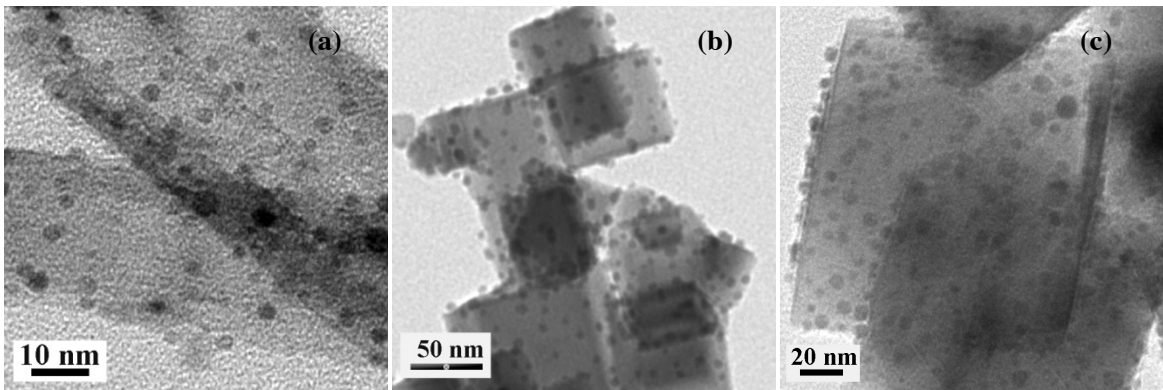
Electronic Supplementary Information

Influence of CeO₂ morphology on the catalytic activity of CeO₂-Pt hybrids for CO oxidation

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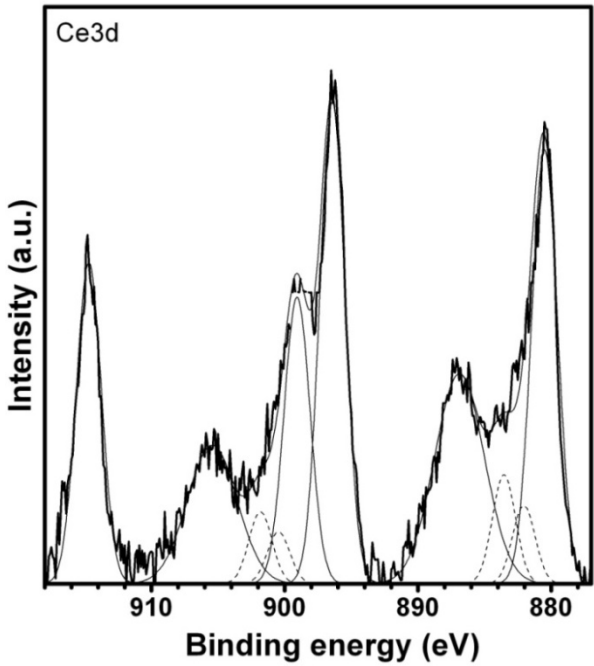
(S1) TEM images of CeO₂/Pt nanohybrids after catalysis (a) Rod, (b) Cube, and (c) Octahedra



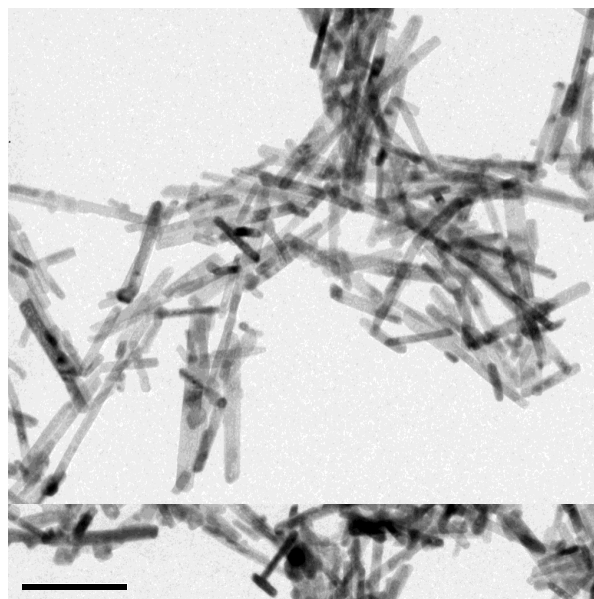
(S2) EDS analysis for Ceria/ Pt nanohybrids for Pt analysis

Catalyst	Pt content (atomic %)
Rod/Pt	1.0
Cube/Pt	1.1
Octa/Pt	1.3

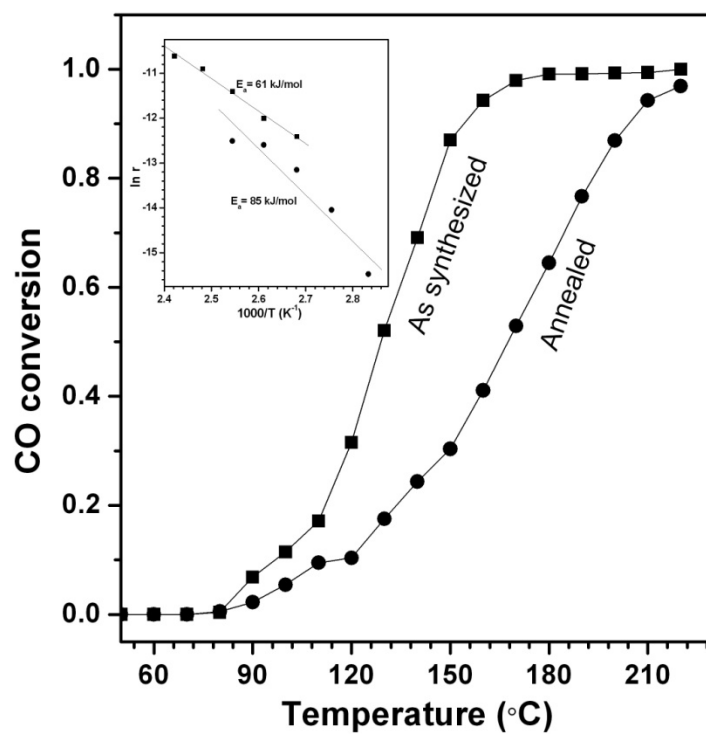
(S3) XPS spectra of Ce3d core level for annealed rods



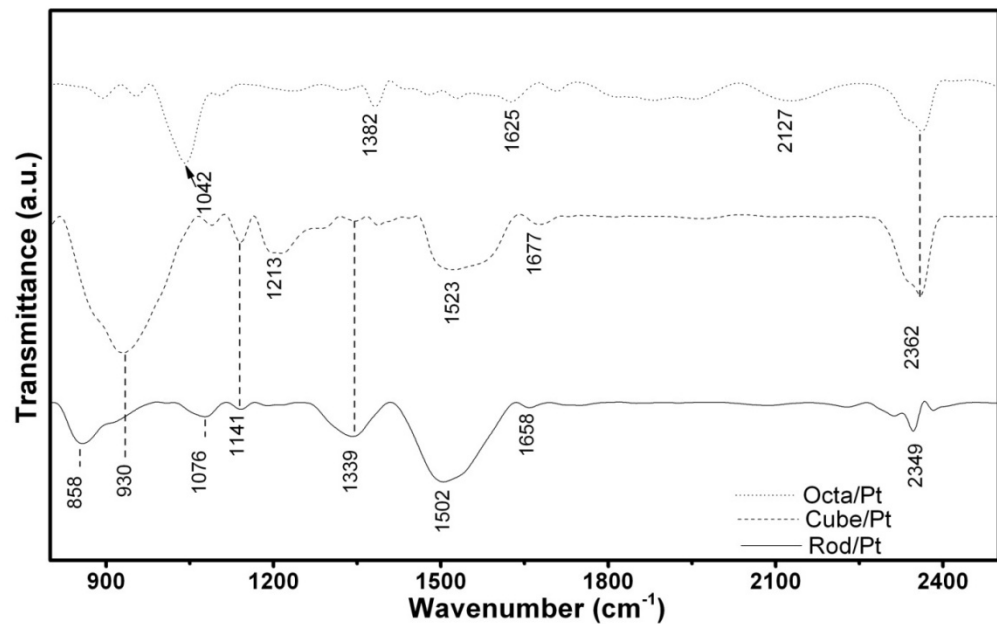
(S4) TEM image of ceria nanorods annealed at 600°C for 16 h



(S5) CO conversion with as-synthesized and annealed CeO₂ rod.



(S6) IR spectra for CeO₂/Pt nanohybrids after catalysis



(S7) Variation of CO conversion with temperature for Rod/Pt catalyst for different cycles indicating stability.

