

Supplementary Information

Kinetic Analysis of Low Concentration CO Detection by Au-loaded Cerium Oxide Sensors

DeblinaMajumder^a, AparnaDatta^b, Manoj Kumar Mitra^c, SomenathRoy^{a*}

- Sensor and Actuator Division, CSIR-Central Glass and Ceramic Research Institute, 196, Raja S.C. Mullick Road, Kolkata 700032, West Bengal, India
- School of Materials Science and Nanotechnology, Jadavpur University, 188, Raja S.C. Mullick Road, Kolkata 700032, West Bengal, India
- Department of Metallurgical and Material Engineering, Jadavpur University, 188, Raja S.C. Mullick Road, Kolkata 700032, West Bengal, India

* Corresponding author. Email: sroy@cgcri.res.in



Fig.S1: Packaged CO sensor

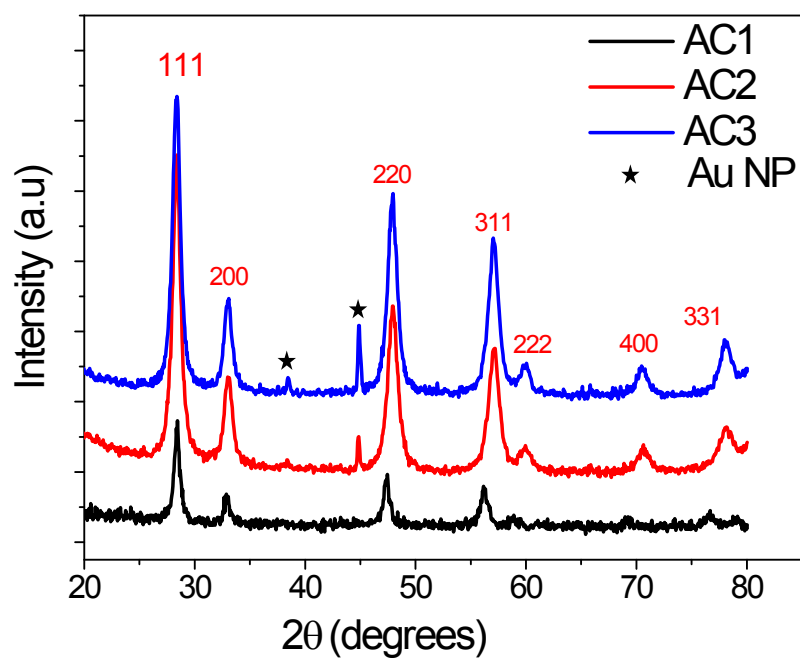


Fig.S2: XRD pattern of Au NP loaded CeO₂ nanoparticles

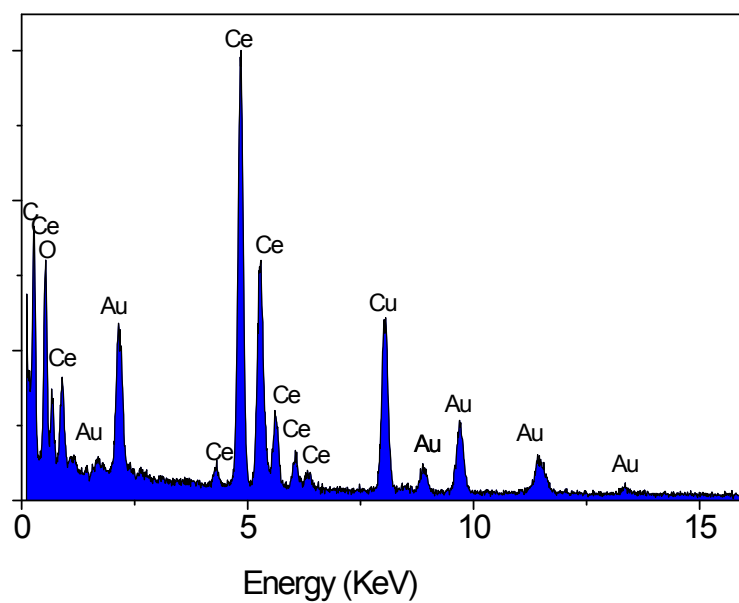


Fig.S3: EDAX of Au decorated CeO₂ surface