Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A

Copper doped CeO_2 nanospheres: surface defects promoted catalytic activity and a versatile approach

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ESI

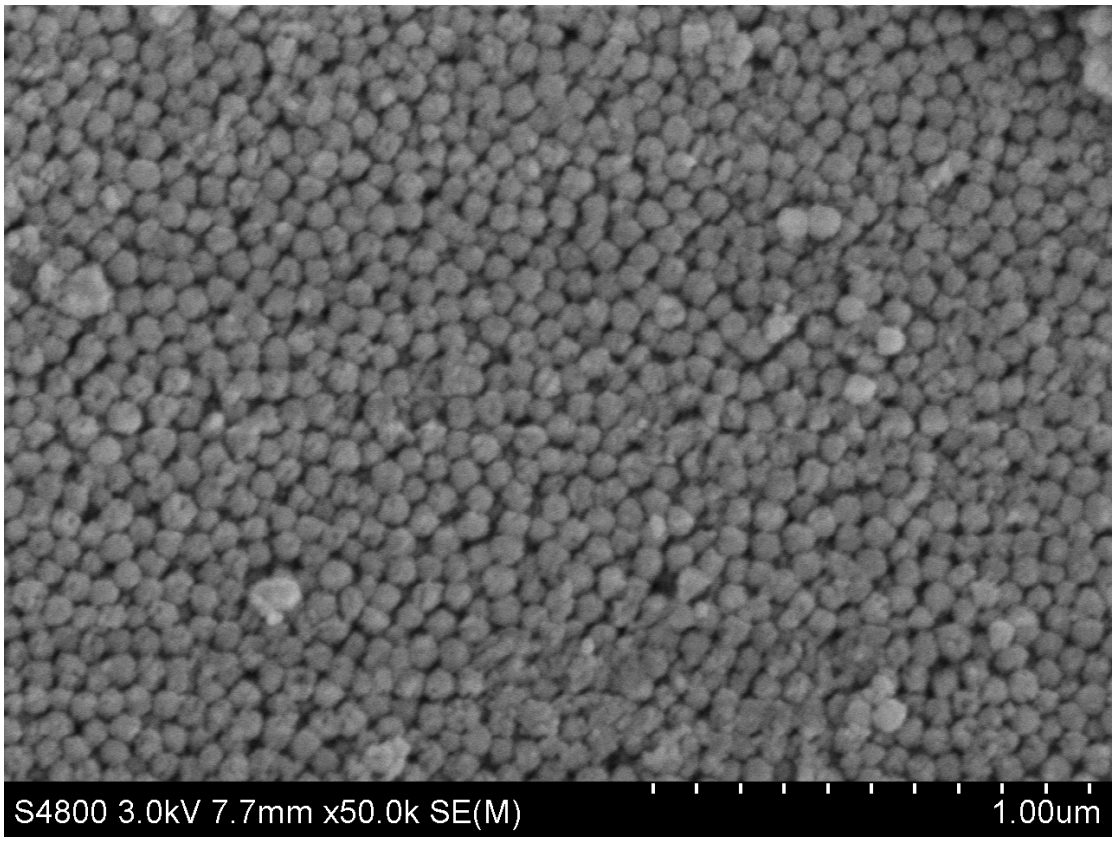

Fig. S1 SEM images of $Cu_{0.10}Ce_{0.90}O_2$ nanospheres

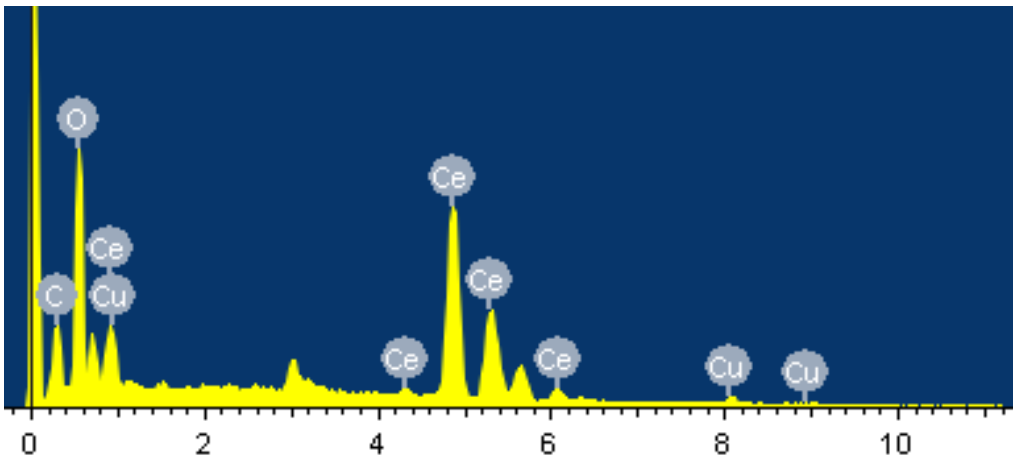

Fig. S2 EDS spectrum of the Cu doped ceria sample.

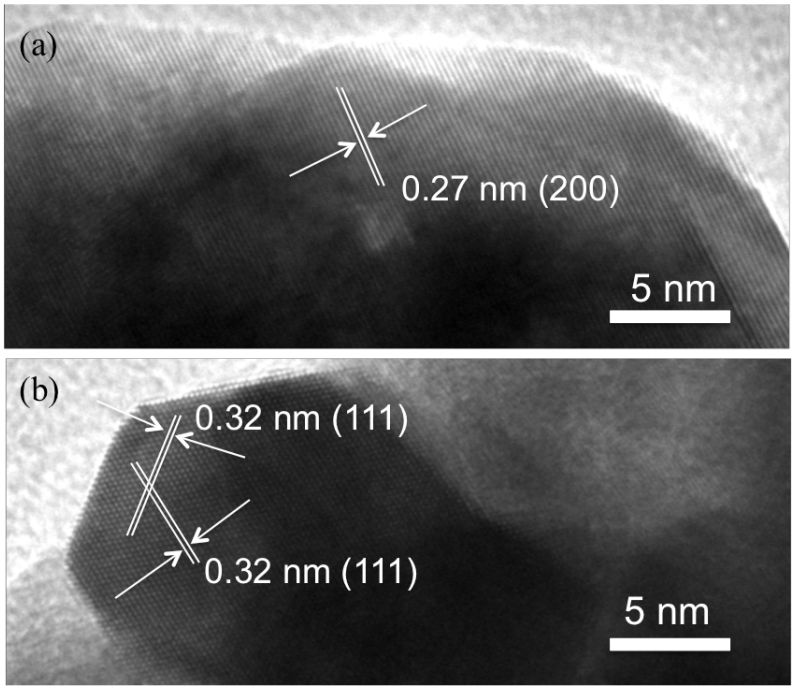

Fig. S3 HRTEM images of the defect-free CeO_2 nanospheres

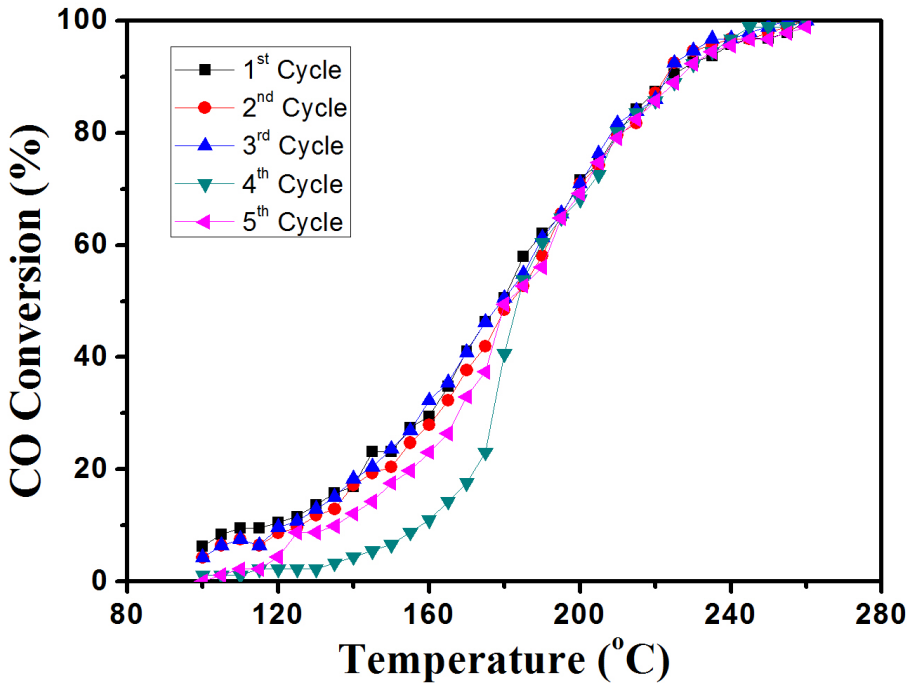

Fig.S4 Percentage conversion versus temperature plots for the oxidation of CO over (I) $Cu_{0.10}Ce_{0.90}O_2$ for five cycles run.