

Electronic supplementary information

Gold nanoparticles supported on Ce-Zr oxides for the oxidative esterification of aldehydes to esters

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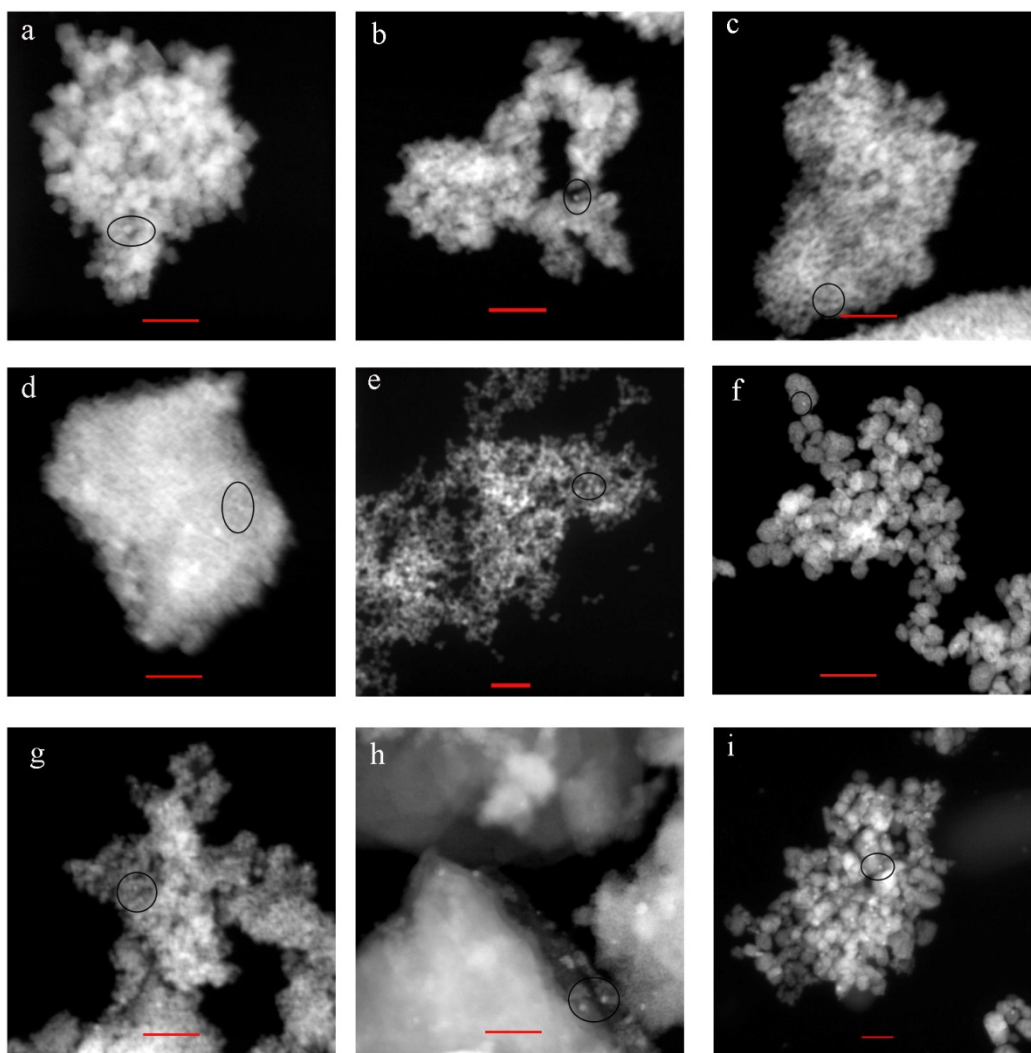


Fig. S1 HAADF-STEM images of Au catalyst. (a) Au/A-CeO₂; (b) Au/A-Ce_{0.8}Zr_{0.2}O₂; (c) Au/A-Ce_{0.6}Zr_{0.4}O₂; (d) Au/A-Ce_{0.4}Zr_{0.6}O₂; (e) Au/A-Ce_{0.2}Zr_{0.8}O₂; (f) Au/ZrO₂; (g) Au/B-Ce_{0.8}Zr_{0.2}O₂; (h) Au/B-Ce_{0.4}Zr_{0.6}O₂; (i) Au/B-Ce_{0.2}Zr_{0.8}O₂. The representative Au particle was indicated by the black circle. The scale bar is 20 nm. All the catalysts presented similar Au particles around 3 nm.