

Au/CeO₂-ZrO₂

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가 Au/CeO₂-ZrO₂

CeO₂-ZrO₂ (48.3 wt% CeO₂, D_{av} = ~ 10

nm) deposition-precipitation with urea(DPU)

3 ~ 12nm 573, 773 K

348 K glycerol

NaBH₄

, XRD (X-ray diffraction), TEM

(Transmission electron microscopy), ICP-AES (Inductively coupled plasma-atomic emission spectroscopy),

DRIFTS (Diffuse reflectance infra-red spectroscopy)

가

가

, 5 nm

5 nm

Au/CeO₂-ZrO₂

DRIFTS