

## Supplementary

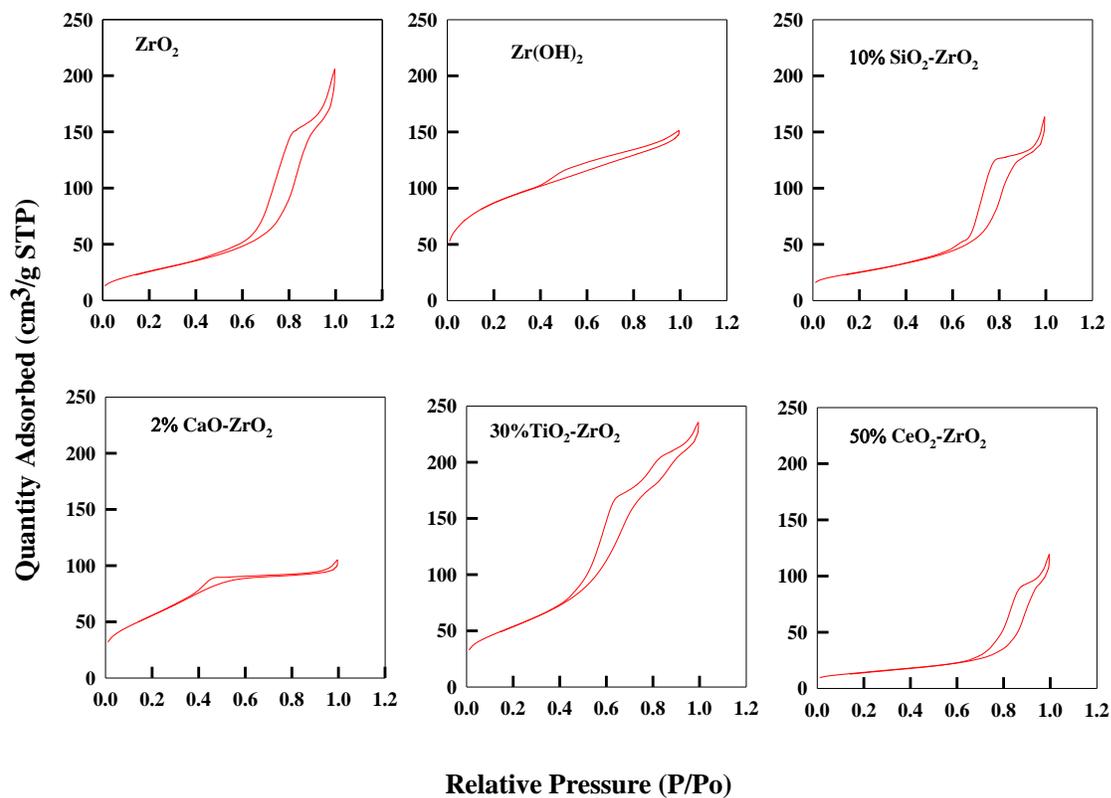


Figure S1 Low-temperature  $N_2$  adsorption-desorption curves

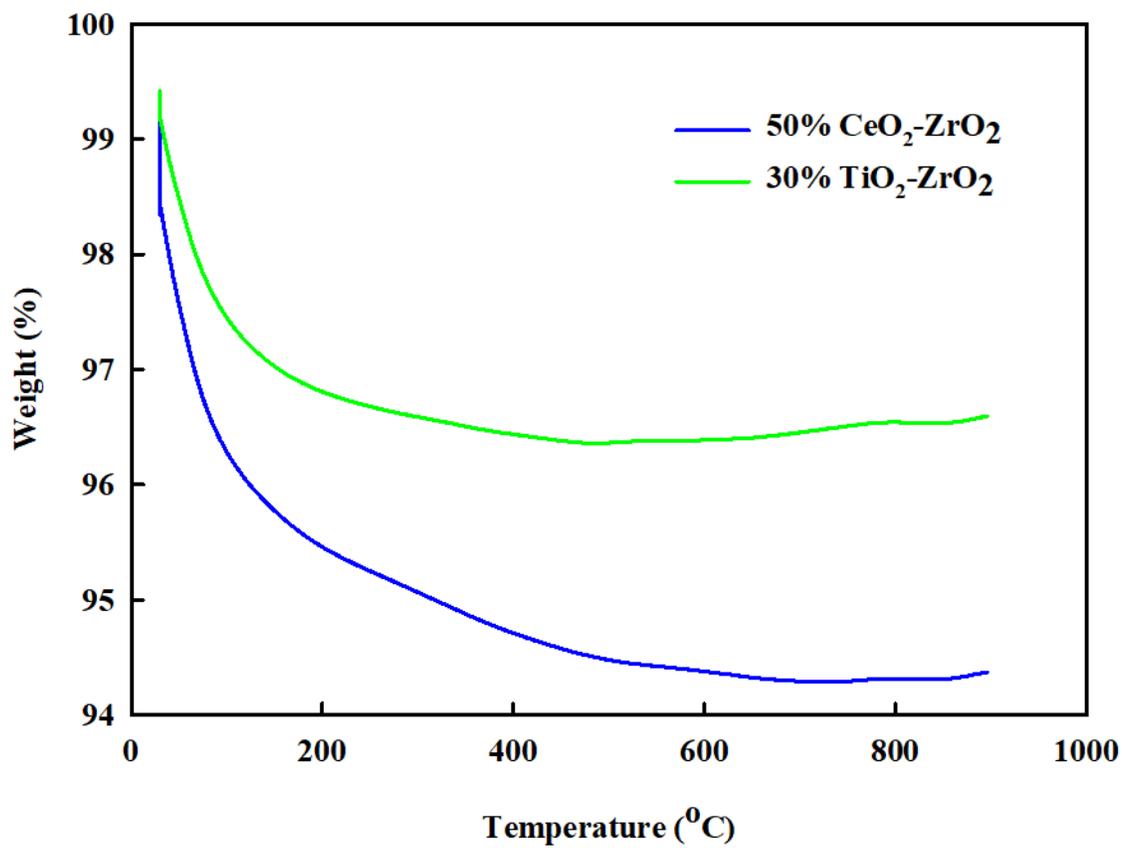


Figure S2 TGA curves of 50% CeO<sub>2</sub>-ZrO<sub>2</sub> and 30% TiO<sub>2</sub>-ZrO<sub>2</sub>.