

Supporting Information

Mesoporous NiCu-CeO₂ oxide catalysts for the high temperature water-gas shift reaction

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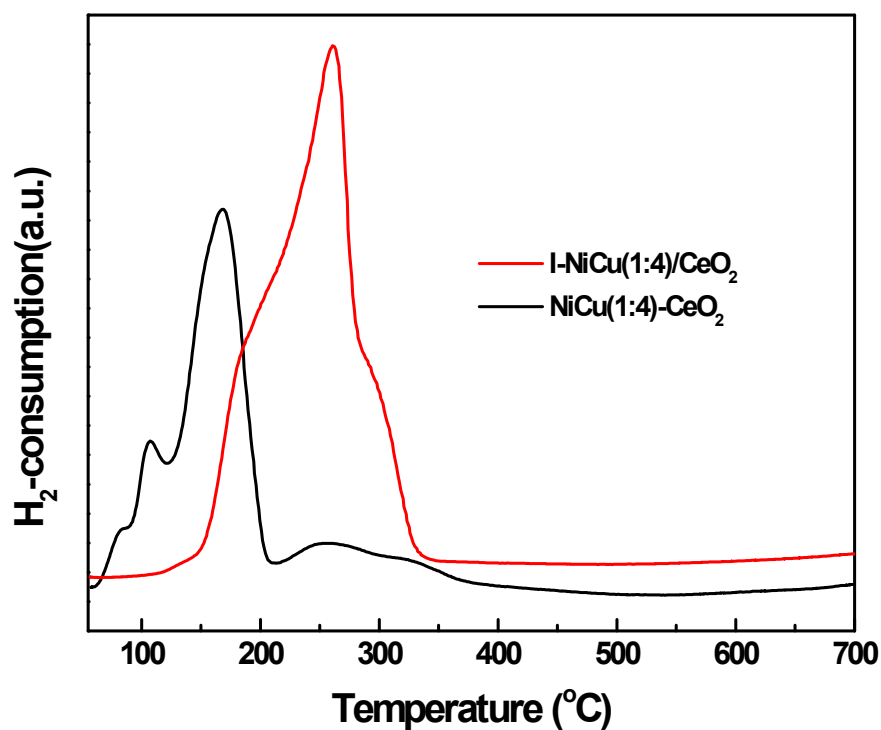


Fig. S1 H₂-TPR patterns of I-NiCu(1:4)/CeO₂ and NiCu(1:4)-CeO₂ catalysts.

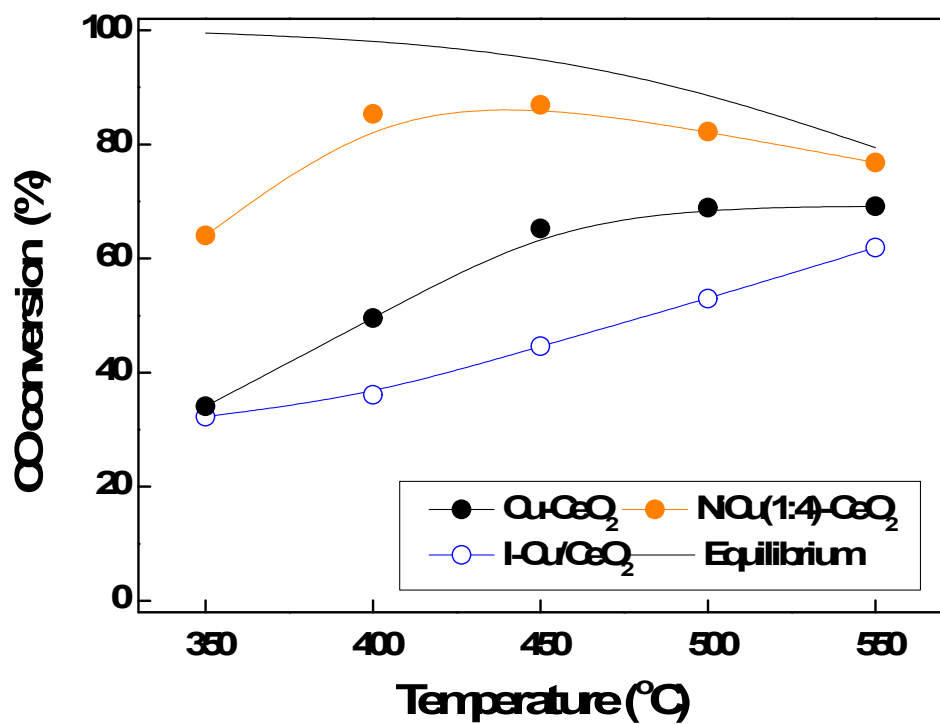


Fig. S2 CO conversion as a function of reaction temperature over CuO-CeO₂, NiCu(1:4)-CeO₂, and I-CuO/CeO₂ catalysts ($\text{H}_2\text{O}/(\text{CH}_4 + \text{CO} + \text{CO}_2) = 2.0$; GHSV = 83,665 h⁻¹).

Table S1. Surface composition of NiCu(1:4)-CeO₂ catalyst estimated by XPS.

Atoms	Area	Atomic %
Cu	47551	79
Ni	12827	21