

Electronic Supplementary Information (ESI)

**A crucial role of CeO₂–ZrO₂ support for the low temperature water gas shift
reaction over Cu–CeO₂–ZrO₂ catalysts**

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Table S1

H₂ consumption of the Cu–CeO₂, Cu–ZrO₂, and Cu–CeO₂–ZrO₂ catalysts

Catalyst	H ₂ -consumption (mmol/g)
Cu–CeO ₂	4.22
Cu–Ce _{0.8} Zr _{0.2} O ₂	4.33
Cu–Ce _{0.6} Zr _{0.4} O ₂	3.50
Cu–Ce _{0.4} Zr _{0.6} O ₂	3.20
Cu–Ce _{0.2} Zr _{0.8} O ₂	2.81
Cu–ZrO ₂	2.55
Theoretical value ^a	2.50

^a Attributed to the reduction of CuO alone