

Supplementary materials

Surface synergistic effect in well-dispersed Cu/MgO catalysts for highly efficient vapor-phase hydrogenation of carbonyl compounds

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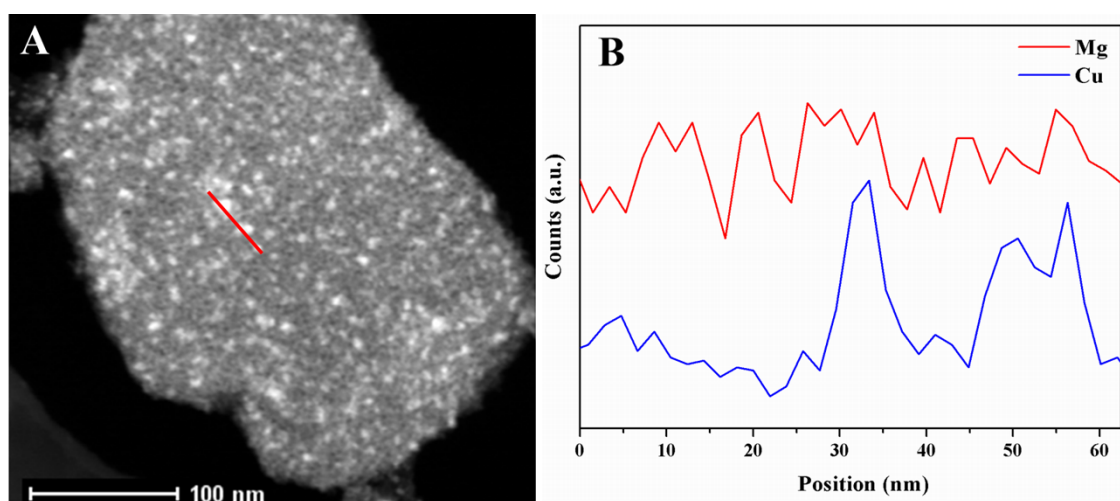


Fig. S1 HAADF-STEM image (A) of Cu-25 sample with EDS line spectra of Mg and Cu along the red line in A (B).

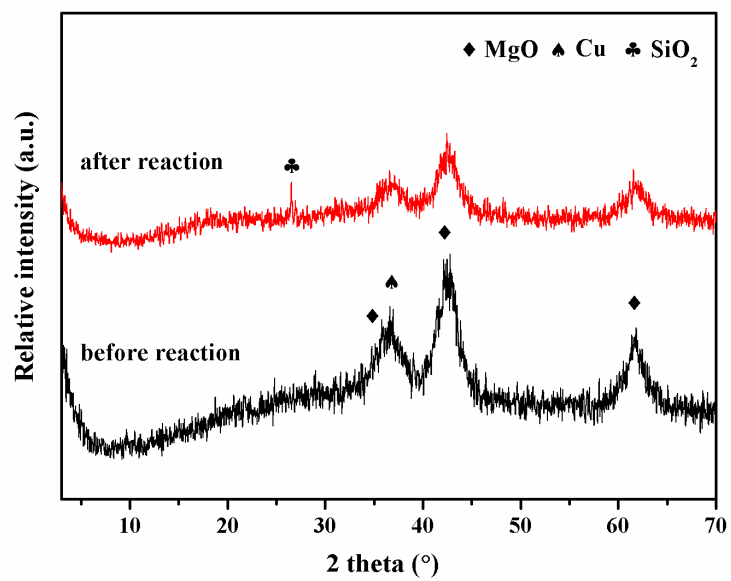


Fig. S2 XRD patterns of Cu-25 catalyst before and after 200 h of hydrogenation reaction.

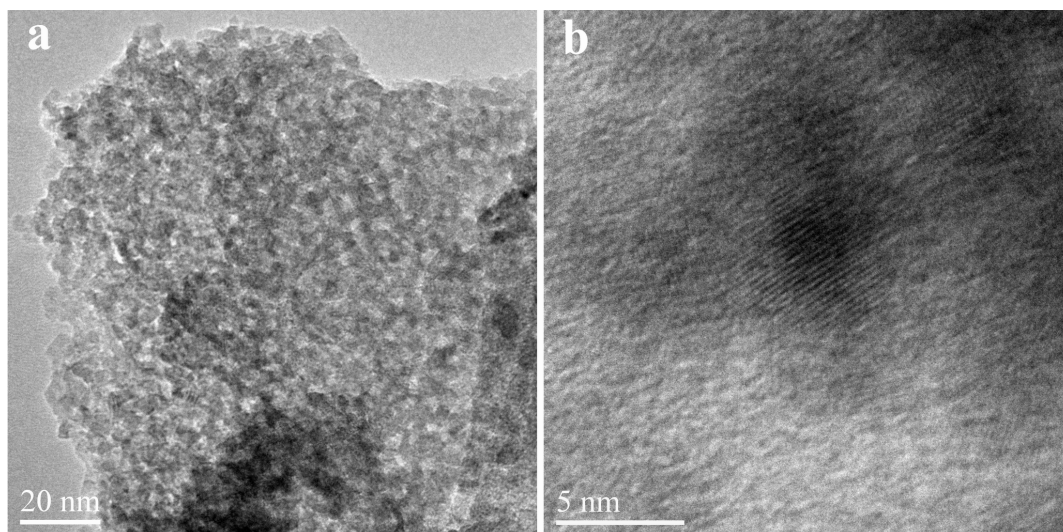


Fig. S3 HRTEM images (a,b) of used Cu-25 catalyst after 200 h of hydrogenation reaction.