

Efficient Hydrogenolysis of 5-Hydroxymethylfurfural to 2,5-Dimethylfuran over Cobalt and Copper Bimetallic Catalyst on N-Graphene-Modified Al_2O_3

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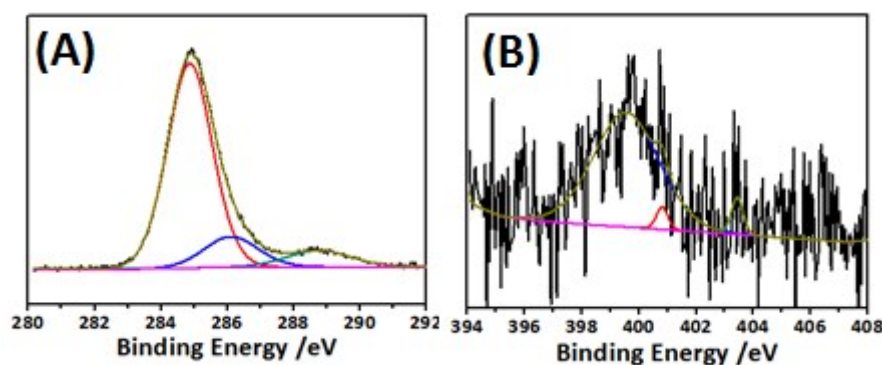


Figure S1 XPS spectrum of NGr/ α - Al_2O_3 : (A) C 1s XPS spectra, (B) N 1s XPS spectra

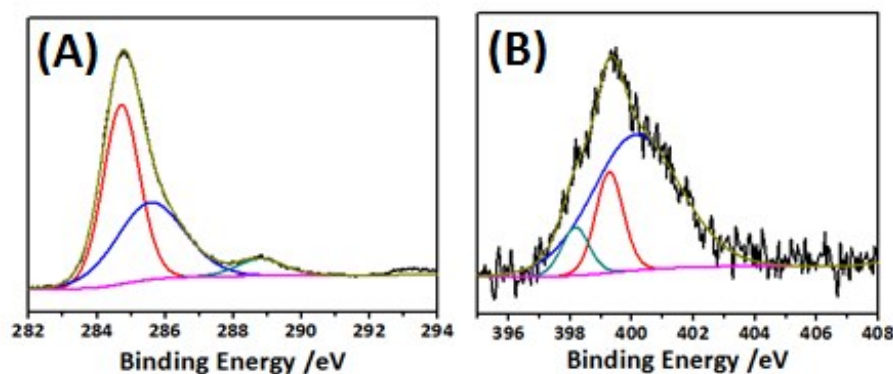


Figure S2 XPS spectrum of Cu/NGr/ α - Al_2O_3 : (A) C 1s XPS spectra, (B) N 1s XPS spectra

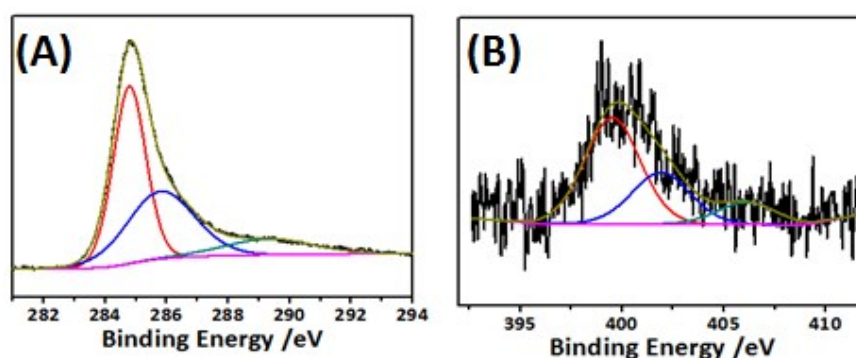


Figure S3 XPS spectrum of Cu[®]/NGr/ α -Al₂O₃: (A) C 1s XPS spectra, (B) N 1s XPS spectra

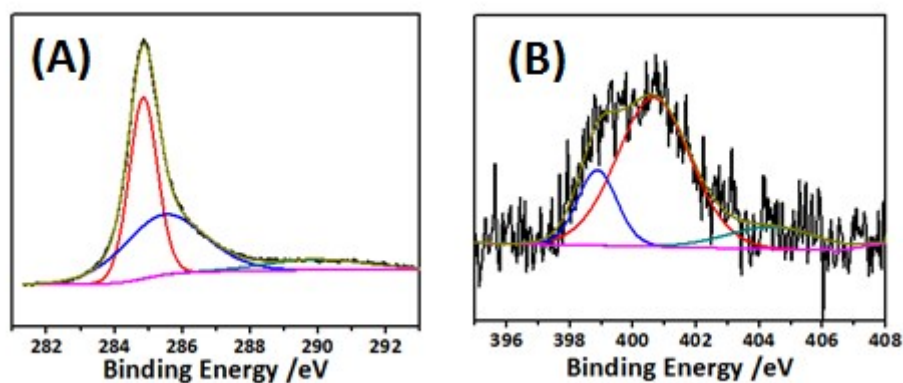


Figure S4 XPS spectrum of Co/NGr/ α -Al₂O₃: (A) C 1s XPS spectra, (B) N 1s XPS spectra

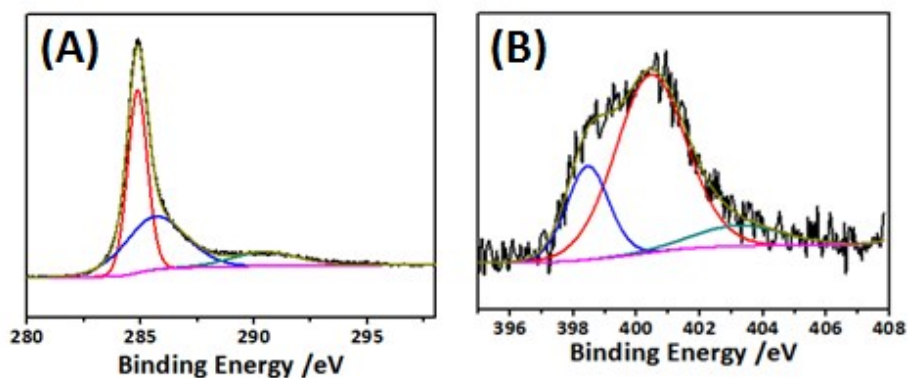


Figure S5 XPS spectrum of Co[®]/NGr/ α -Al₂O₃: (A) C 1s XPS spectra, (B) N 1s XPS spectra

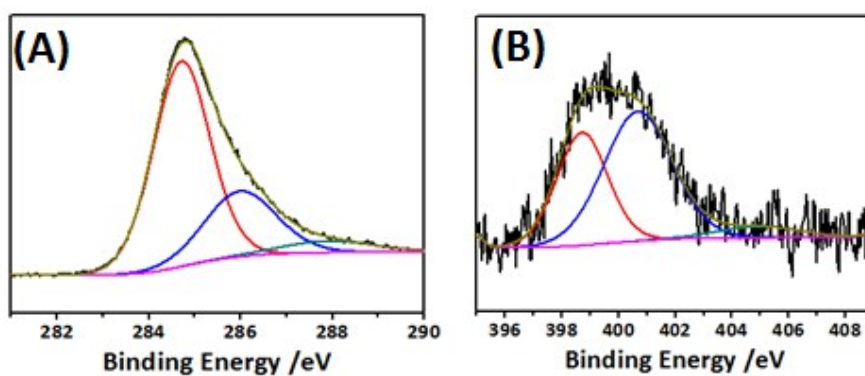


Figure S6 XPS spectrum of CuCo[®]/NGr/ α -Al₂O₃ after being reused one time: (A) C 1s XPS spectra, (B) N 1s XPS spectra