

Supporting information

Ru-Zn supported on hydroxyapatite as effective catalysts for partial hydrogenation of benzene

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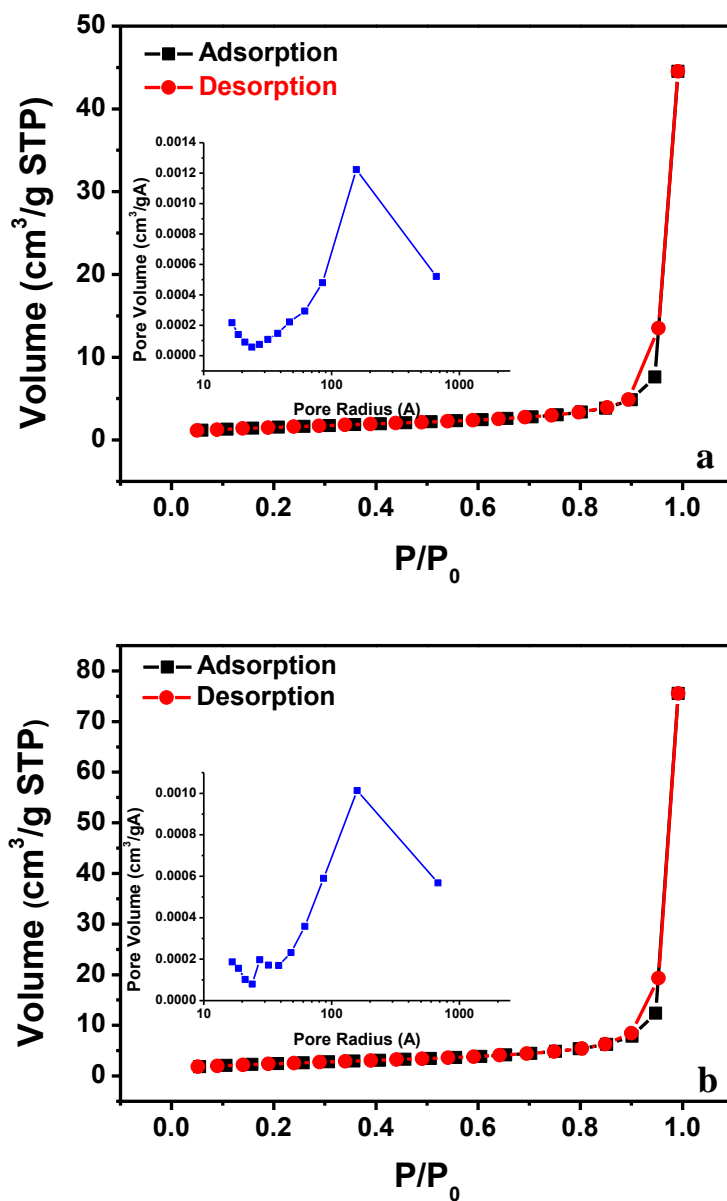


Fig. S1 N₂ physisorption isotherms and pore size distribution curves of
a) hydroxyapatite (HAP) and b) Ru-Zn/HAP-1

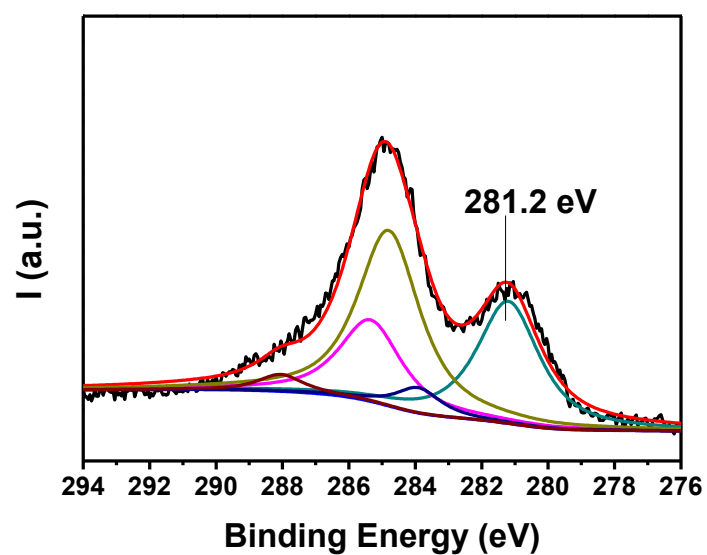
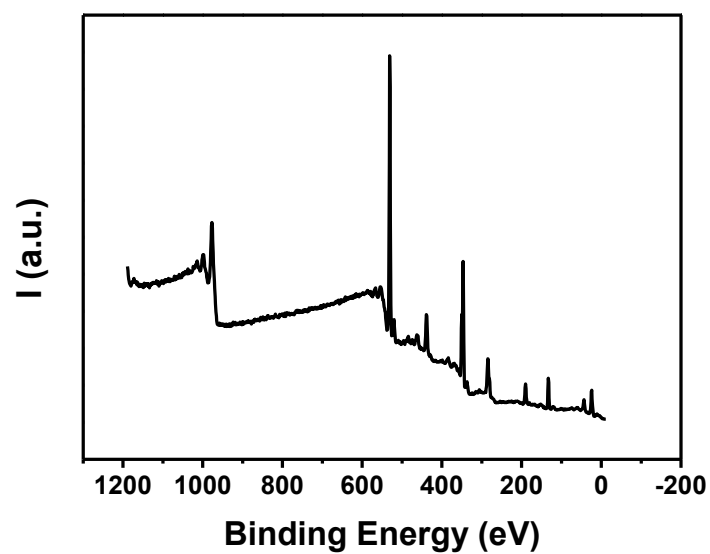
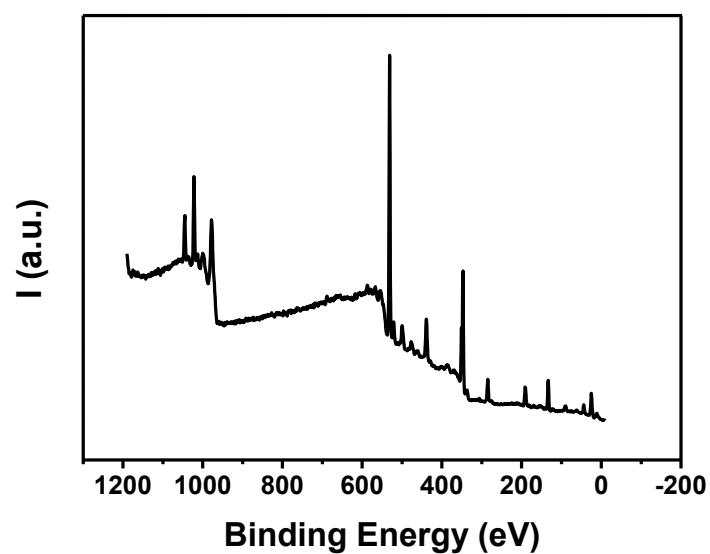


Fig. S2 XPS spectra of catalyst Ru/HAP



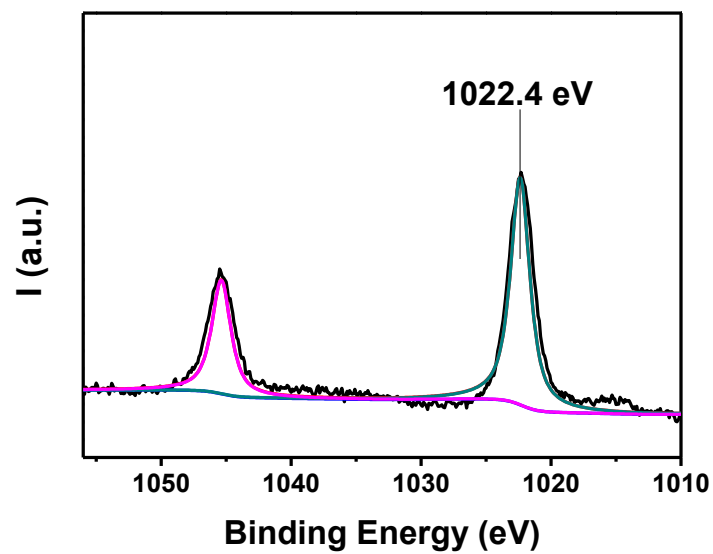


Fig. S3 XPS spectra of catalyst Zn/HAP

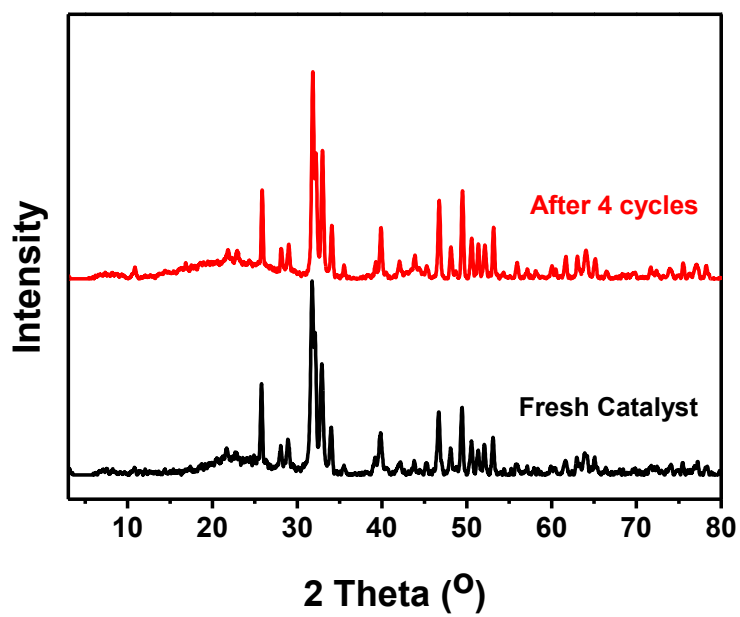


Fig. S4 XRD Patterns of fresh and used Ru-Zn/HAP-1