Development of Magnetizable, Nickel–Ferrite-Decorated Carbon Nanocomposites as Hydrogenation Catalyst for Aniline Synthesis

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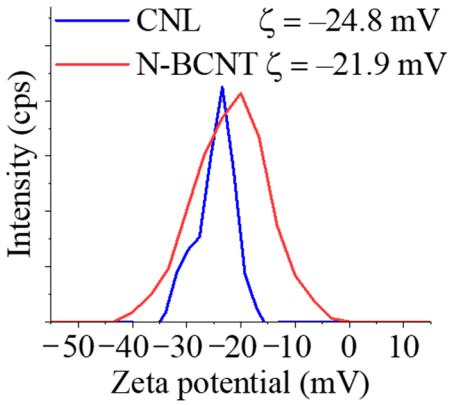


Figure S1: Zeta potential distribution of the CSA and N-BCNT catalyst supports

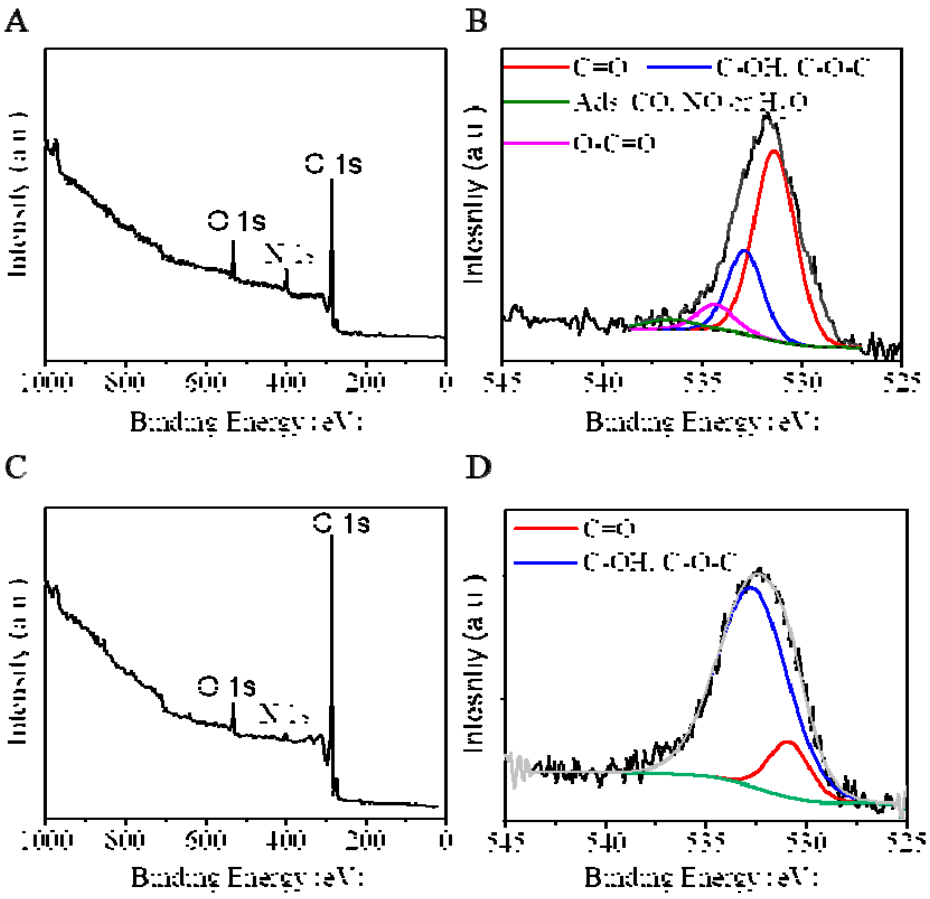


Figure S2: The Survey and O1s spectra of CNL (A, B) and N-BCNT (C, D)

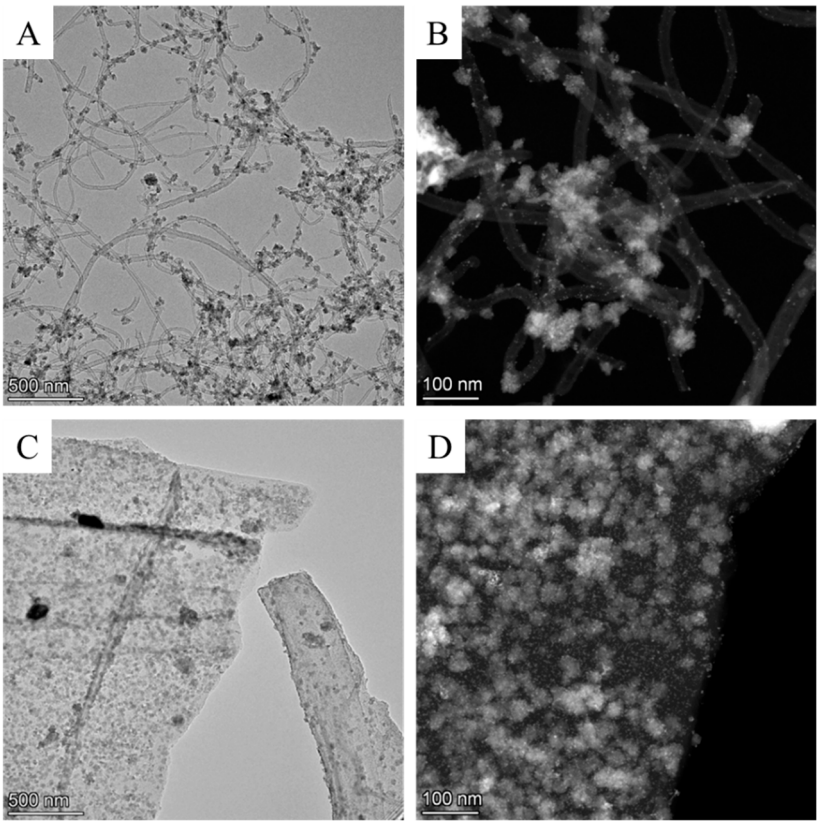


Figure S3: HRTEM and HRTEM-HAADF images of the Pd/$NiFe_2O_4$-N-BCNT (A, B) and Pd/$NiFe_2O_4$-CNL (C, D) systems

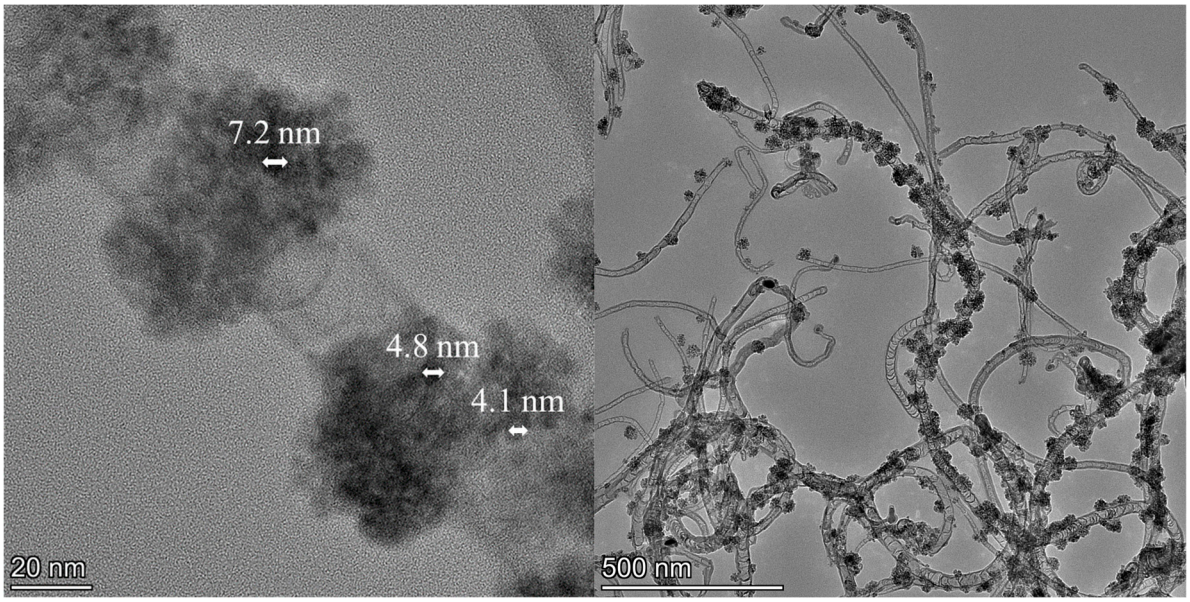


Figure S4: HRTEM image of $NiFe_2O_4$ nanoparticles on the surface of N-BCNT support

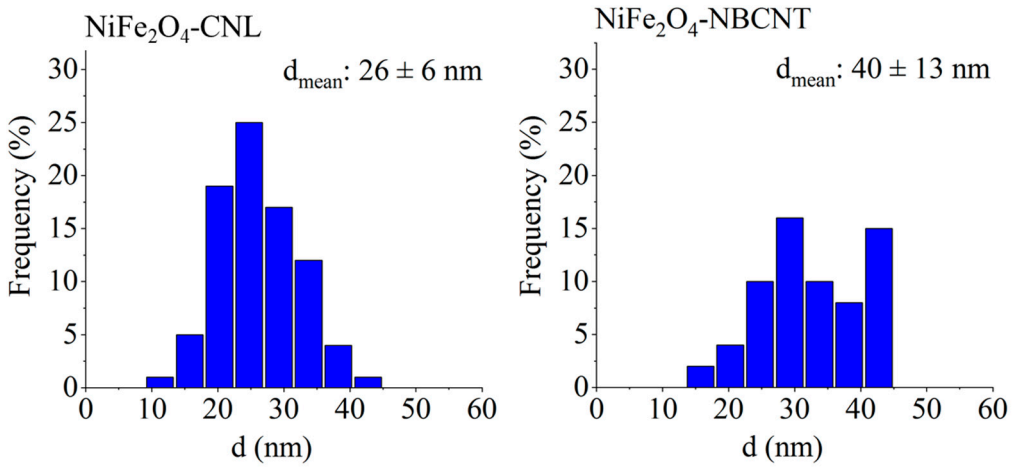


Figure S5: Particle size distribution of the $NiFe_2O_4$ nanospheres on the CNL and N-BCNT supports

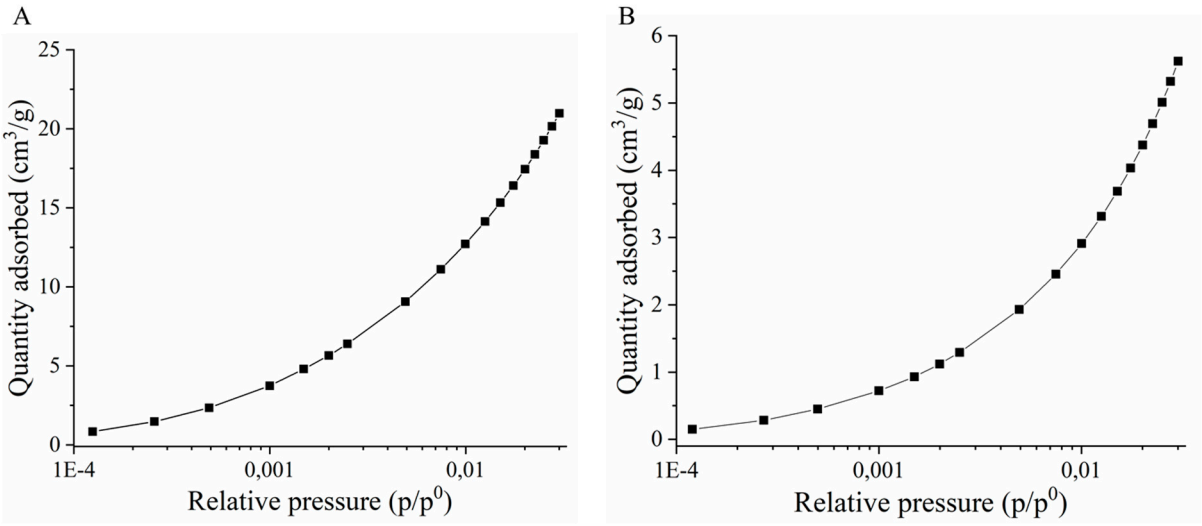


Figure S6: Sorption isotherms of Pd/$NiFe_2O_4$-CNL (A) and Pd/$NiFe_2O_4$-N-BCNT (B) samples