

Supporting Information

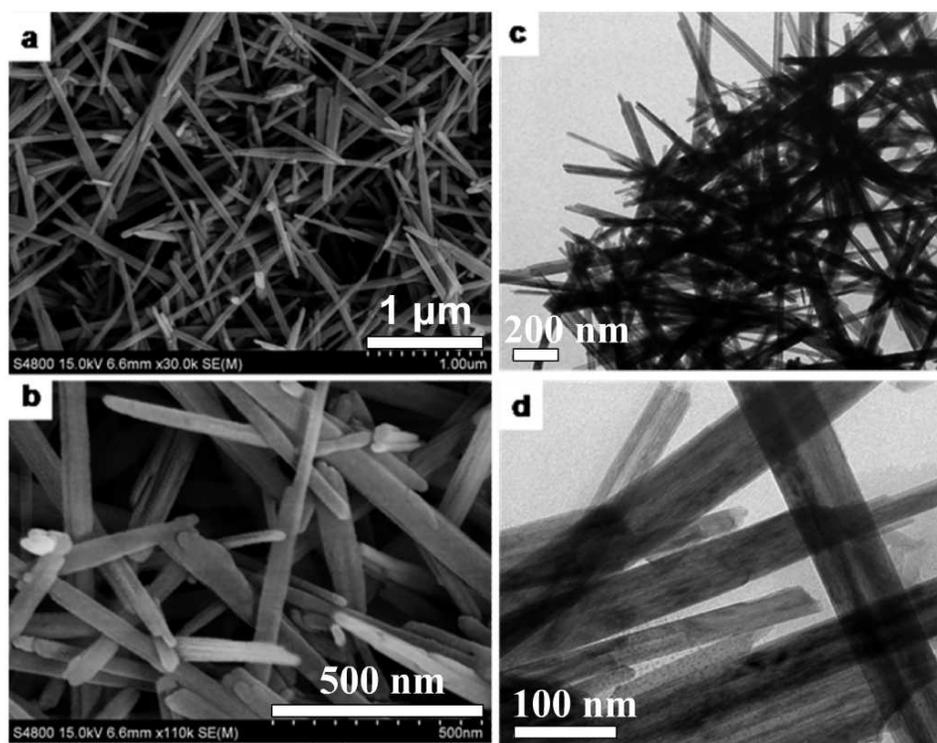


Fig. S1 (a, b) SEM and (c, d) TEM images of MnO₂ nanorods.

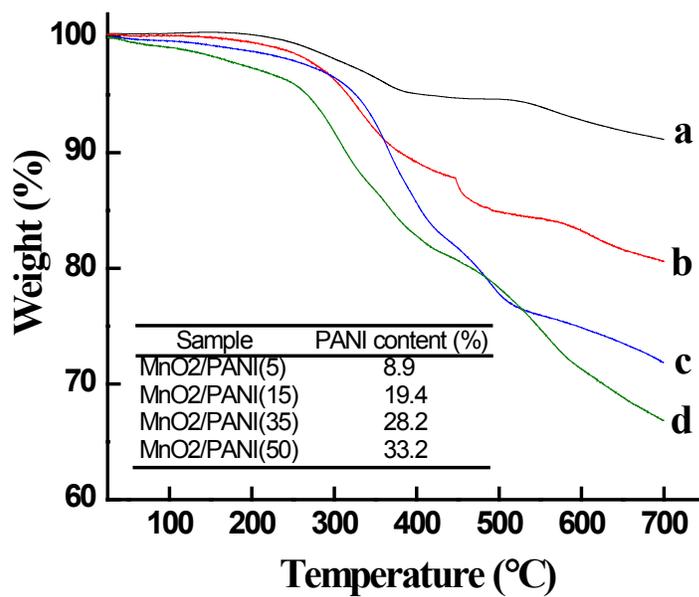


Fig. S2 TGA curves of (a) MnO₂/PANI(5), (b) MnO₂/PANI(15), (c) MnO₂/PANI(35), and (d) MnO₂/PANI(50) coaxial nanocables.

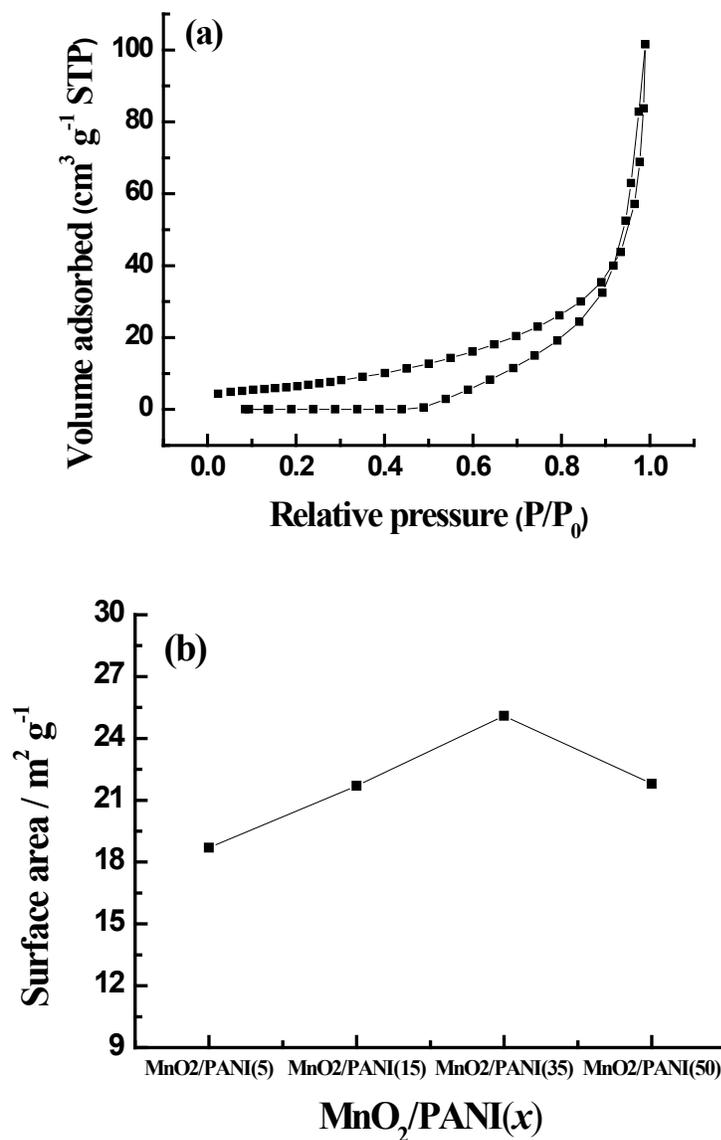


Fig. S3 (a) N₂ adsorption–desorption isotherm of MnO₂/PANI(35) coaxial nanocables. (b) The relationship between MnO₂/PANI(*x*) coaxial nanocables and surface areas.

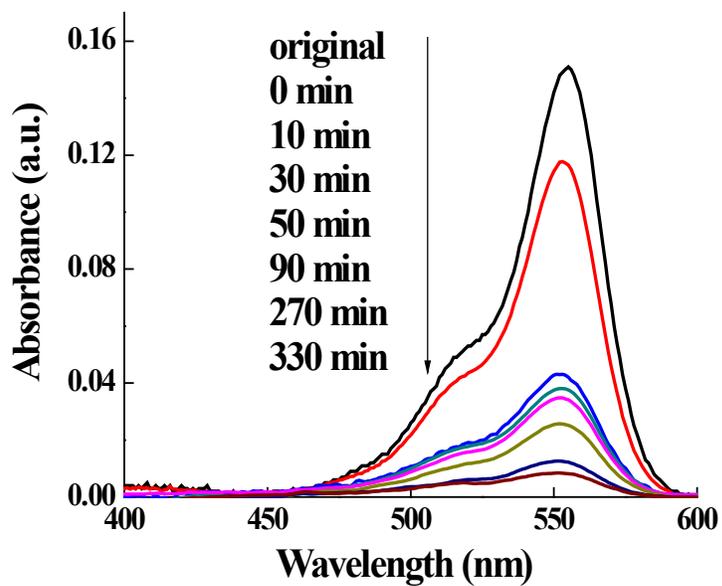


Fig. S4 Time resolved absorption spectra of RhB using MnO₂/PANI(35) coaxial nanocables as catalyst.