

Supplement Information

h-BN-TiO₂ nanocomposite for photocatalytic applications

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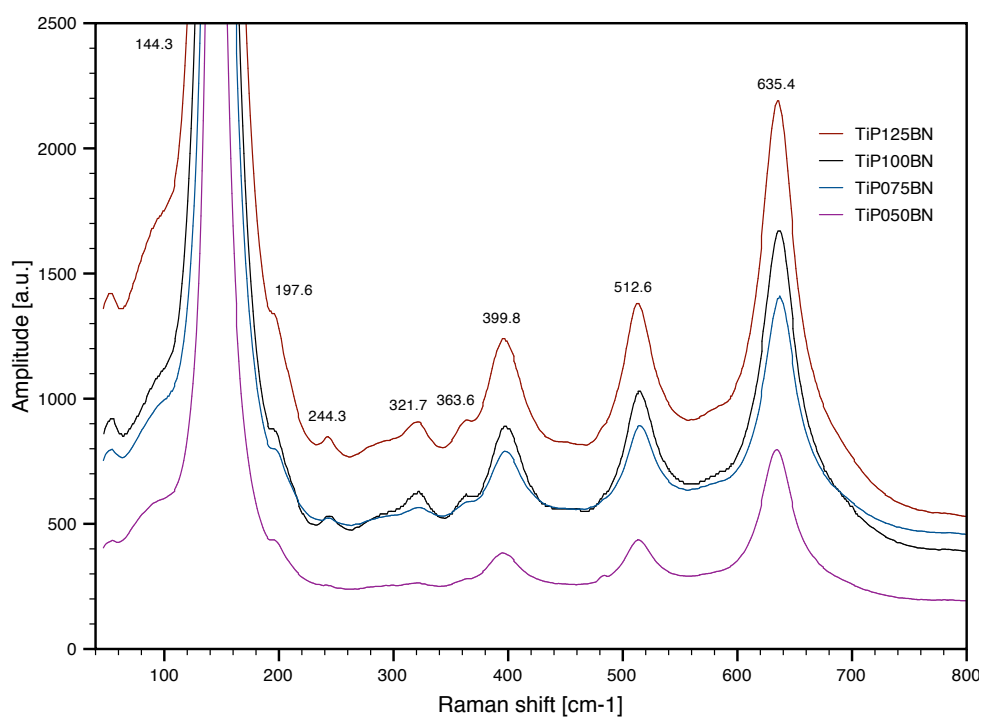


Figure S1. Raman spectra of prepared h-BN-TiO₂ nanomaterials

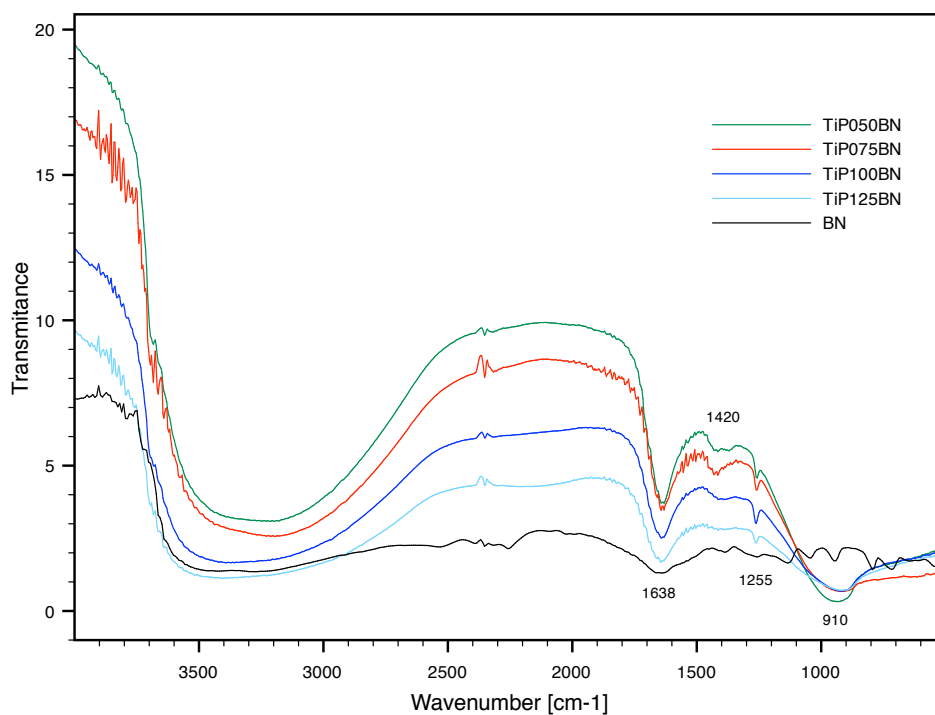


Figure S2. Infrared spectra of prepared h-BN-TiO₂ nanomaterials

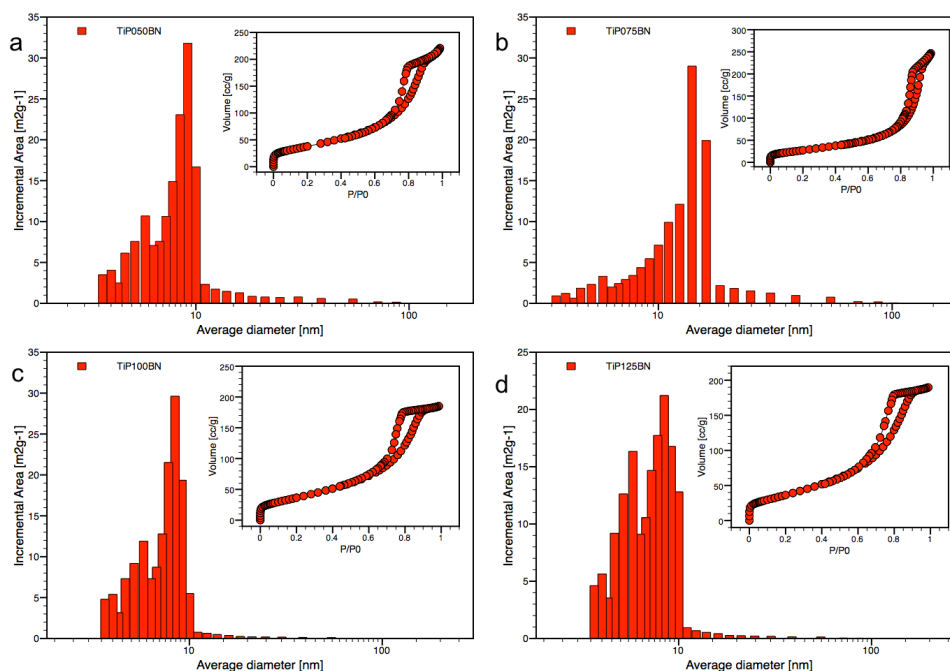


Figure S3. Pore size distribution of prepped samples a) TiP050BN, b) TiP075BN, c) TiP100BN and TiP125BN. Inset nitrogen adsorption/desorption isotherms

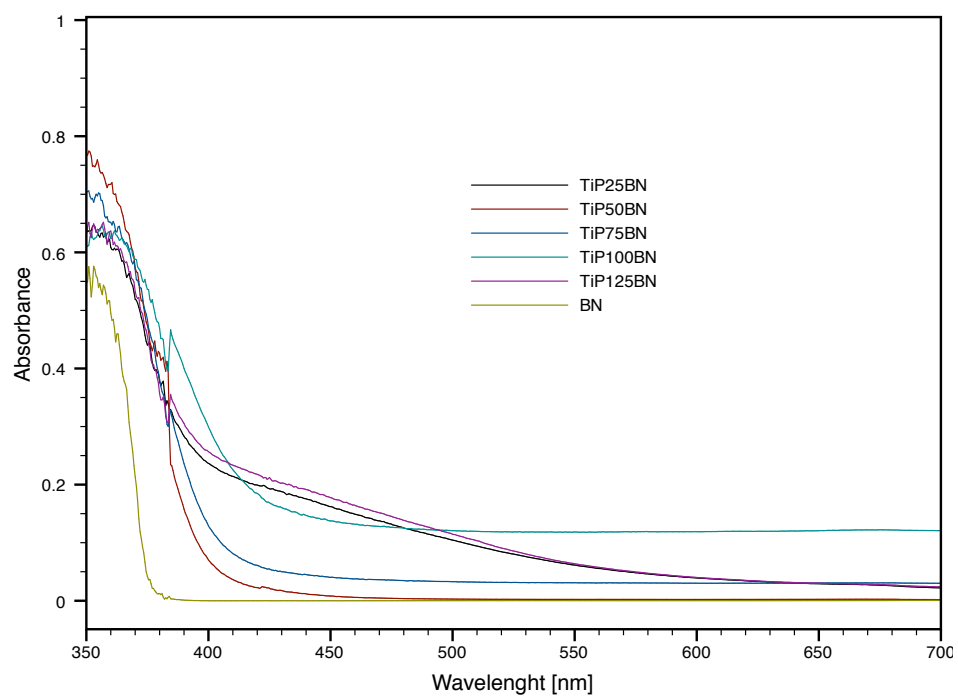


Figure S4. The absorbance of h-BN-TiO₂ nanocomposites

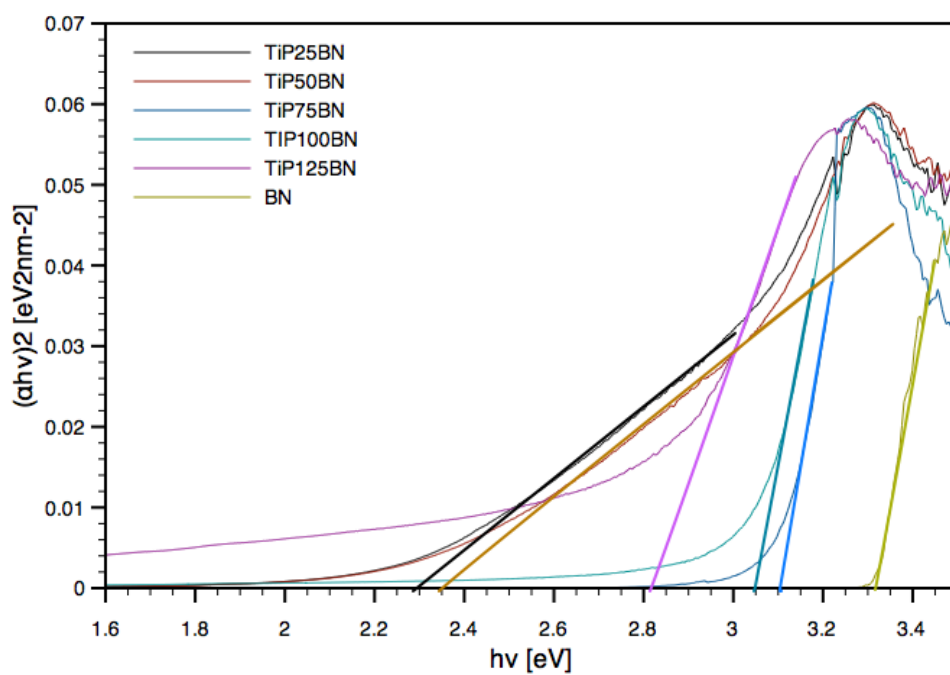


Figure S5. The band gap energy of h-BN-TiO₂ nanocomposites