

Supplementary Materials

Photodegradation Process of Organic Dyes in The Presence of a Manganese Doped Zinc Sulfide Nanowire Photocatalyst

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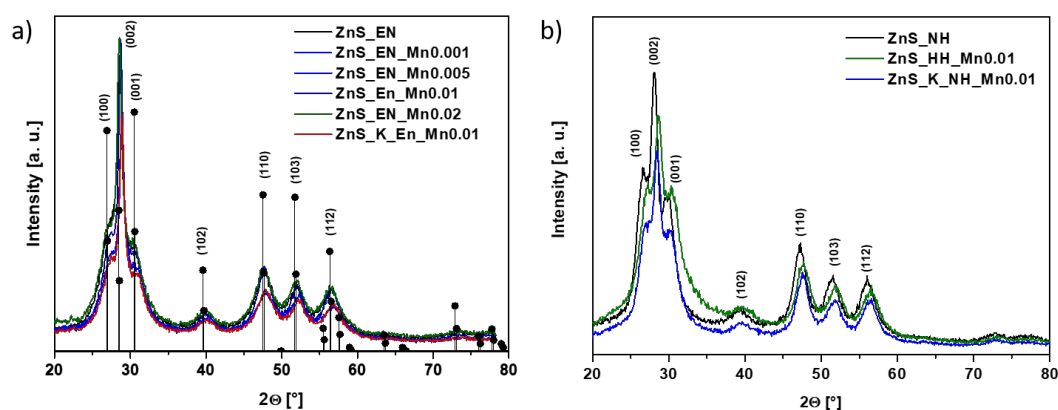


Figure S1. XRD patterns (a) of ZnS nanocrystals stabilized with ethylenediamine and (b) ZnS nanocrystals stabilized with hydrazine; the peaks in the pattern matching well with wurtzite structure according to JCPDS#96-110-0045.

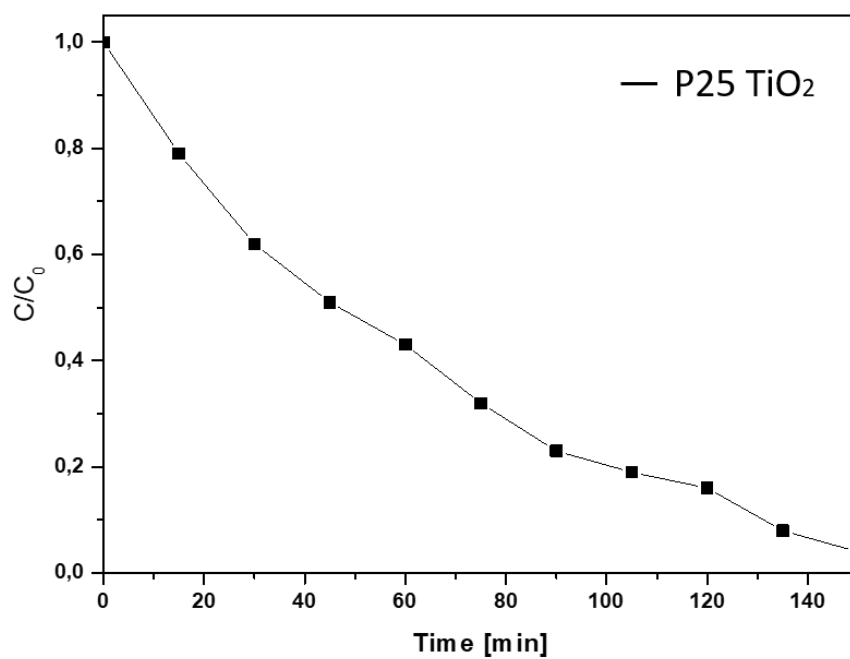


Figure S2. Time-dependent UV-Vis absorption spectra for RhB observed during incubation with the P25 TiO₂ samples under UV illumination.