Supporting Information

Integration of Mn-$ZnFe_2O_4$ with S-g-C_3N_4 for boosting spatial charge generation and separation as efficient photocatalyst

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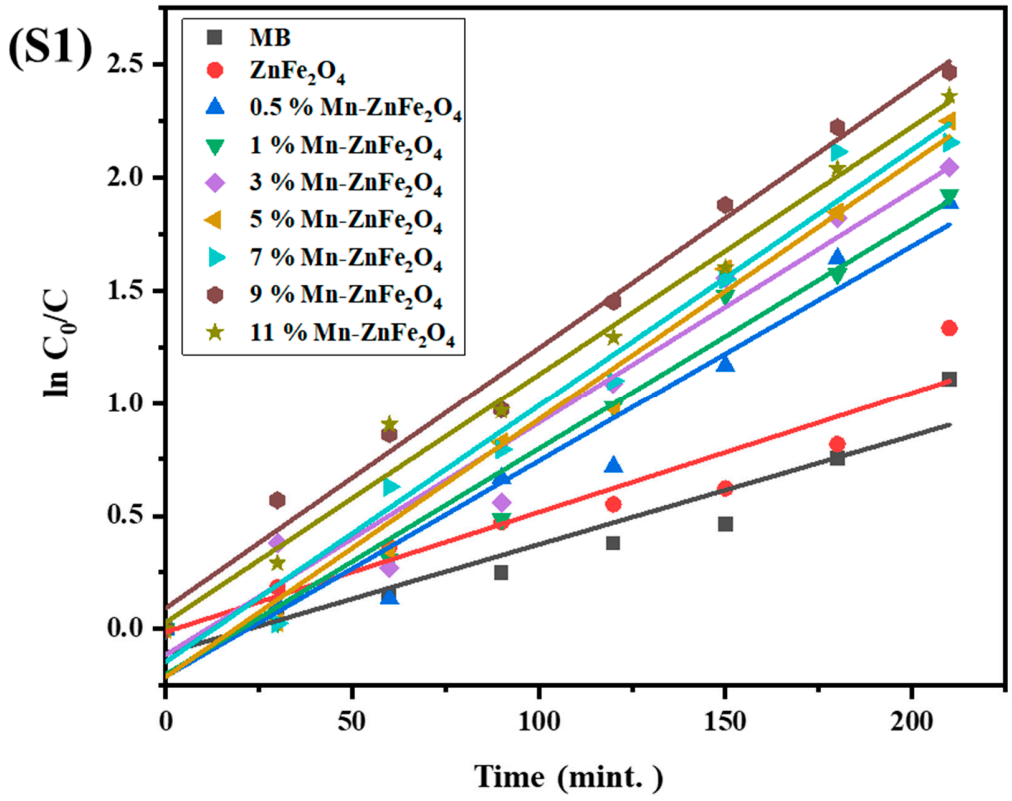

Figure S1 First-order kinetics plot of $ZnFe_2O_4$ and Mn-$ZnFe_2O_4$ NPs.

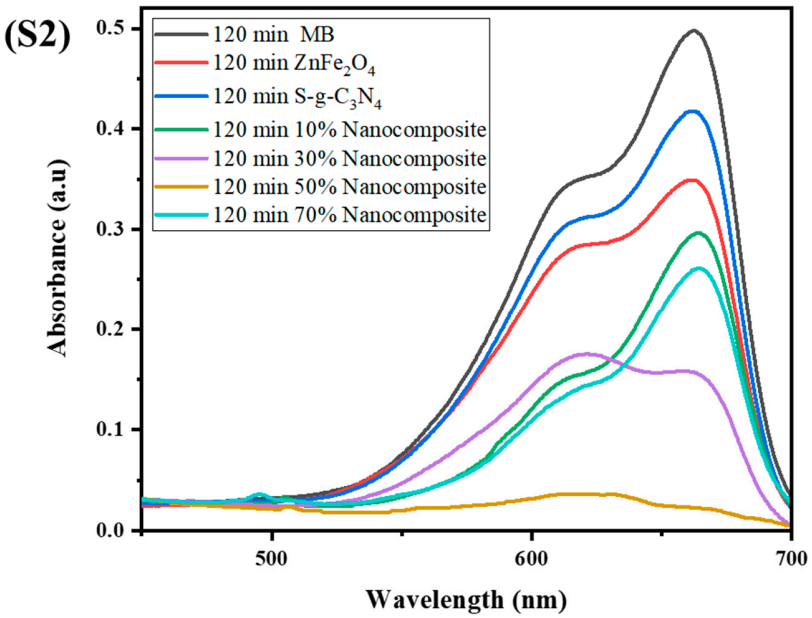

Figure S2 Photodegradation of MB by Mn-$ZnFe_2O_4$/S-g-C_3N_4 NCs after 120 minutes of sunlight irradiation (Degradation contours)

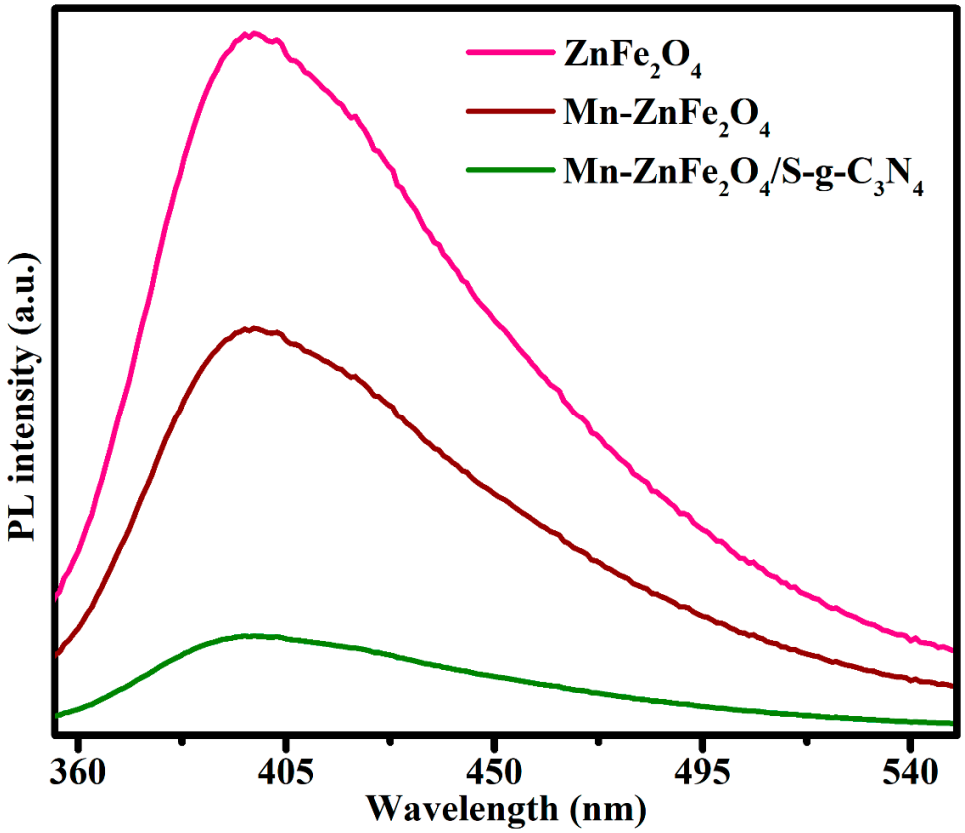

Figure S3. PL spectra of $ZnFe_2O_4$, Mn-$ZnFe_2O_4$ and Mn-$ZnFe_2O_4$/S-g-C_3N_4 heterostructures at an excitation wavelength of 330 nm.