

Supplementary Data

Iron Selenide Nanorods for light-activated anticancer and catalytic applications

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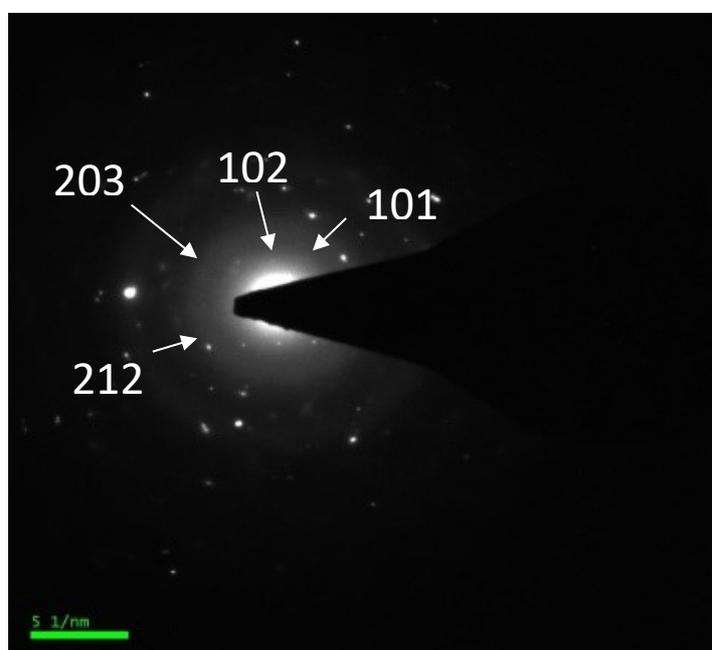


Figure S1: SAED pattern of the FeSe NRs, validating the XRD data.

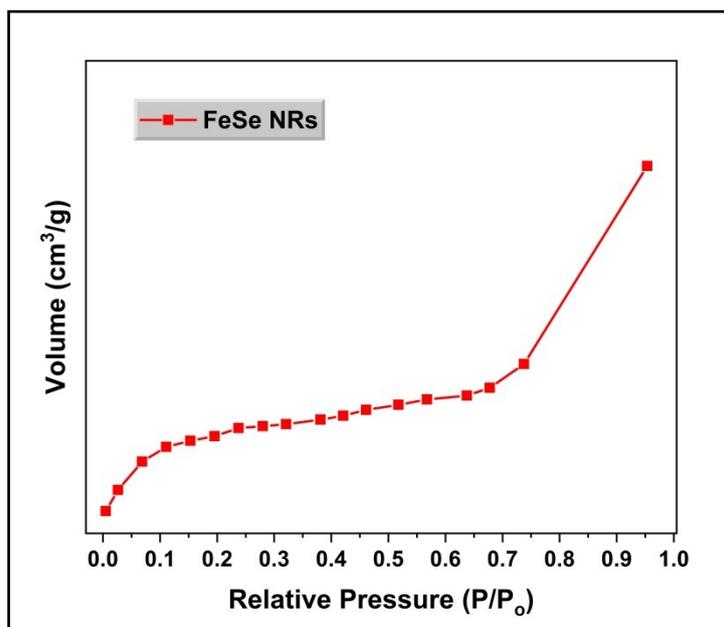


Figure S2: Nitrogen Adsorption Isotherm of FeSe NRs.

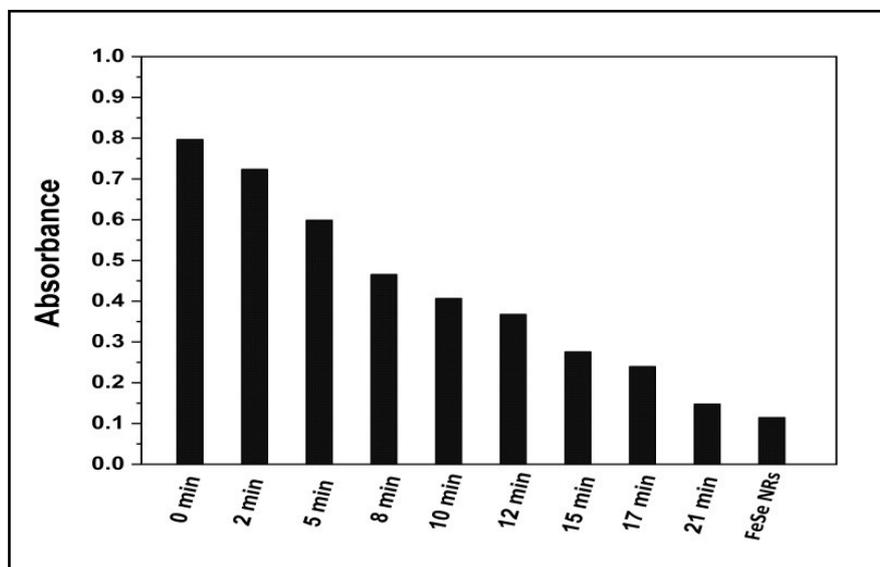


Figure S3: Decrease in absorbance value of MB dye with the time of laser irradiation.

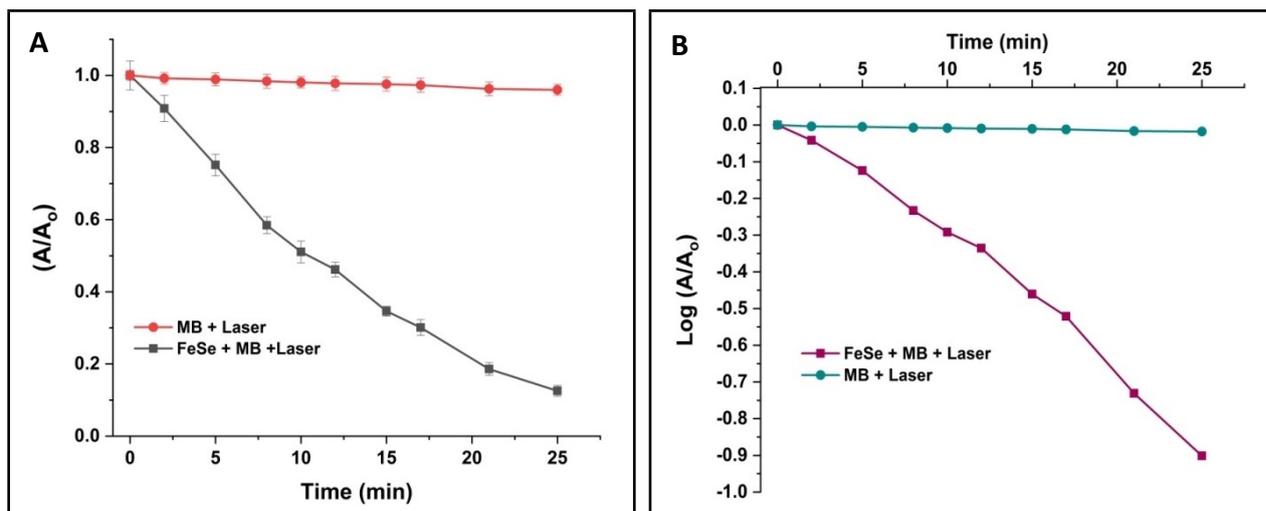


Figure S4: (A) Linear and (B) logarithmic calibration plot of the relative absorption intensity of MB dye, with and without FeSe NRs, upon laser irradiation as function of time.

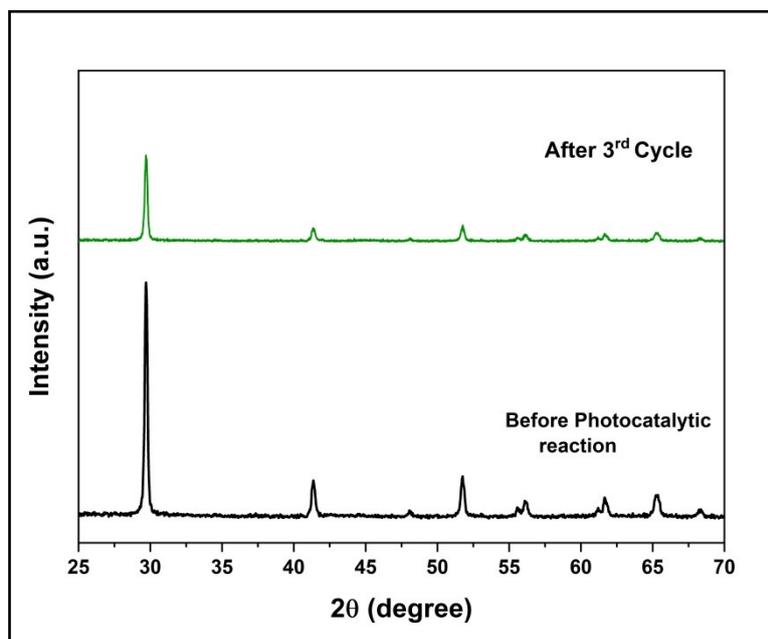


Figure S5: The XRD-pattern of recycled FeSe NRs.

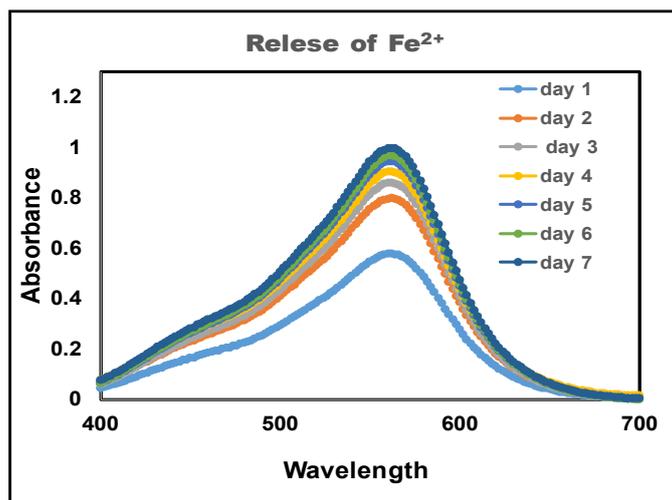


Figure S6: Absorbance spectrum of leached Fe^{2+} ions with time.

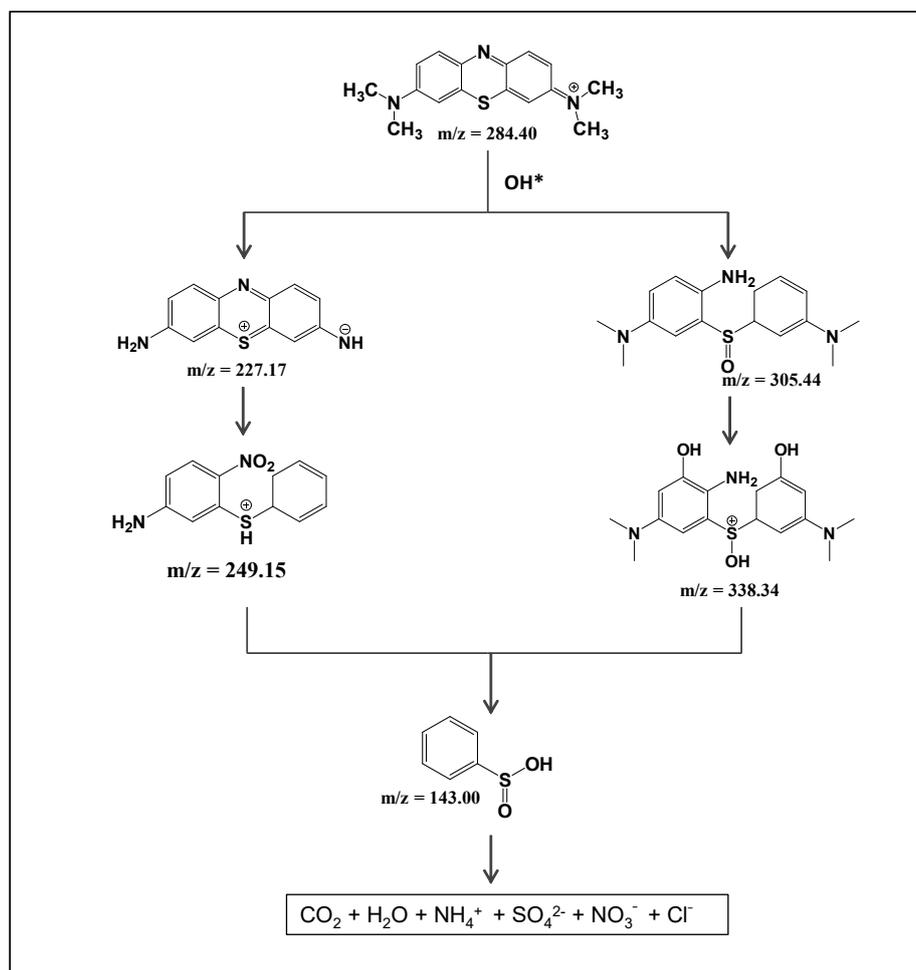


Figure S7: The possible degradation pathway of MB dye during photocatalysis.