



Supplementary Materials:

Construction of Time-Resolved Luminescence Nanoprobe and Its Application in As(III) Detection

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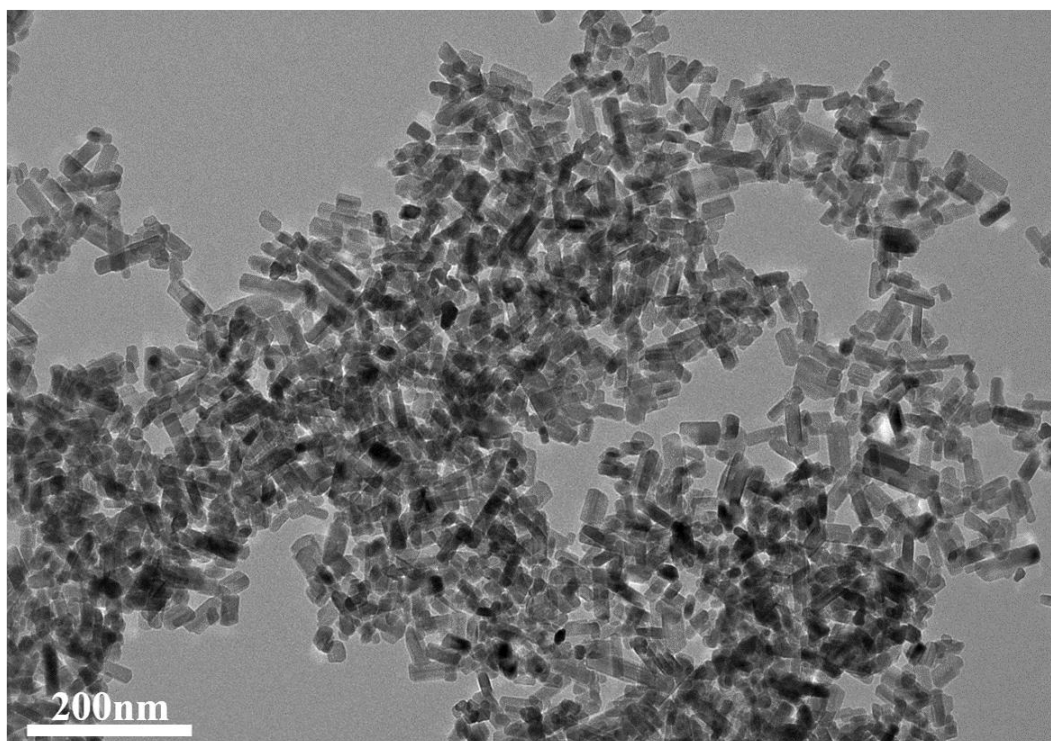


Figure S1. Dispersion of ZGO:0.5% Mn in aqueous solution.

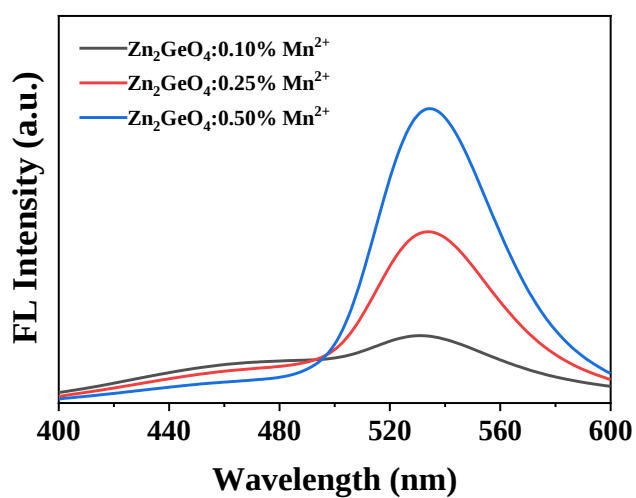


Figure S2. Fluorescence (FL) spectra of Zn₂GeO₄:0.10%Mn, Zn₂GeO₄:0.25%Mn and Zn₂GeO₄:0.50%Mn at same concentration which were excited at 250 nm.

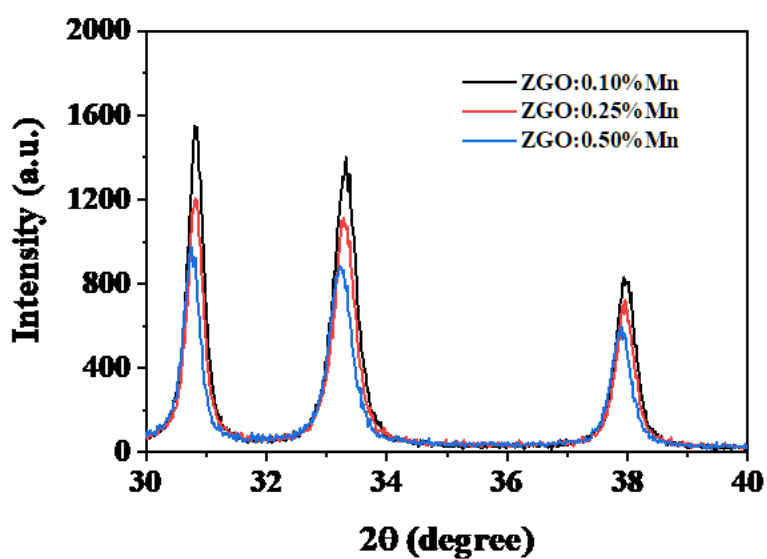


Figure S3. Partially enlarged XRD spectra of Zn₂GeO₄:0.10%Mn, Zn₂GeO₄:0.25%Mn and Zn₂GeO₄:0.50%Mn with 2θ in the range of 30°–40°.

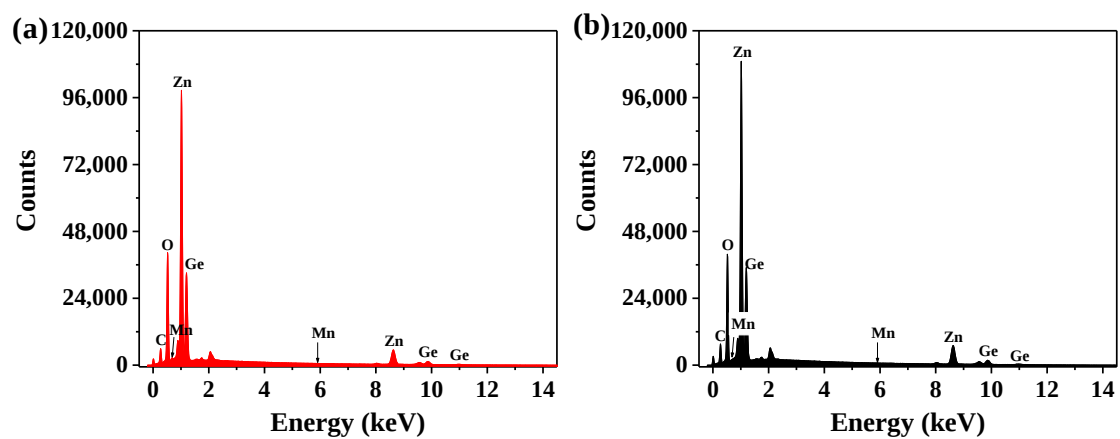


Figure S4. EDS analysis of (a) Zn₂GeO₄:0.10%Mn, (b) Zn₂GeO₄:0.25%Mn.