Facile synthesis, optical and electrical properties of nanocrystalline \( \text{ZnFe}_2\text{O}_4 \) thin films

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Supporting Figures:

**Figure S1:** Cyclic Voltammograms for ZF1 recorded in NaOH (1M) at sweep rate \( \nu = 5, 25, 50, 100 \text{ mVs}\(^{-1}\)\) under dark condition.

**Figure S2:** Cyclic Voltammograms for ZF2 recorded in NaOH (1M) at sweep rate \( \nu = 5, 25, 50, 100 \text{ mVs}\(^{-1}\)\) under dark condition.
**Figure S3:** Cyclic Voltammograms for ZF3 recorded in NaOH (1M) at sweep rate $\nu = 5, 25, 50, 100 \text{ mVs}^{-1}$ under dark condition.

**Figure S4:** Cyclic Voltammograms for ZF2 recorded in NaOH (1M) at sweep rate $\nu = 5, 25, 50, 100 \text{ mVs}^{-1}$ under dark and visible illumination condition.

**Figure S5:** Cyclic Voltammograms for ZF3 recorded in NaOH (1M) at sweep rate $\nu = 5, 25, 50, 100 \text{ mVs}^{-1}$ under dark and visible illumination condition.