

Electronic Supplementary Information

A Cubic Luminescent Graphene Oxide Functionalized Zn-based Metal-Organic Framework Composite for Fast and Highly Selective Detection of Cu²⁺ Ions in Aqueous Solution

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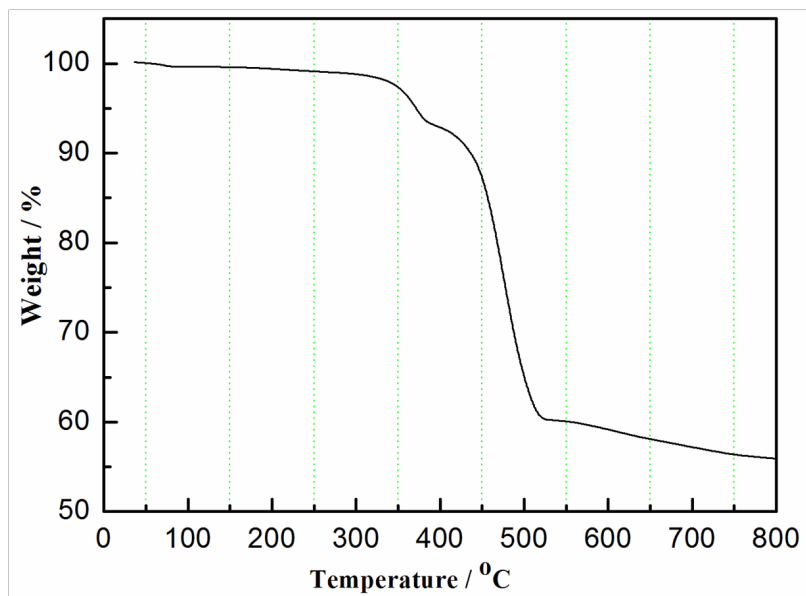


Fig. S1. TGA curve of the prepared ZnMGO composite.

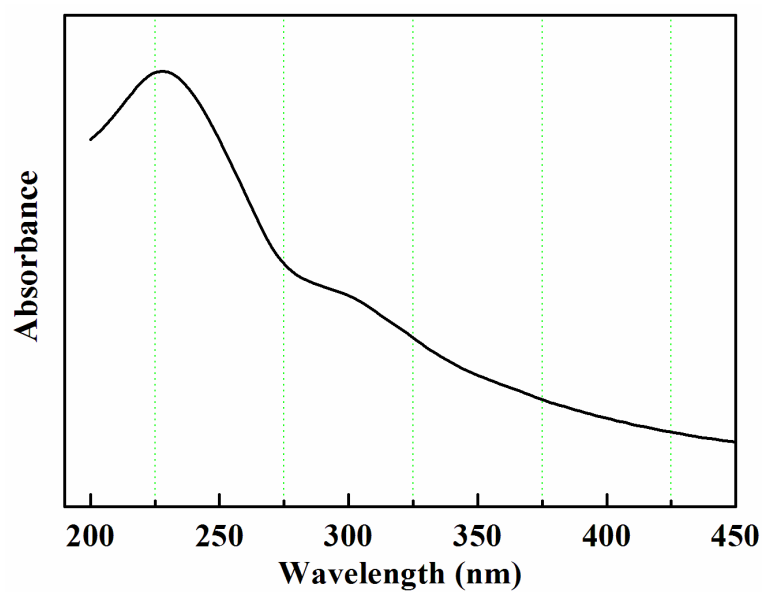


Fig. S2. UV-Vis spectrum of GO solution.

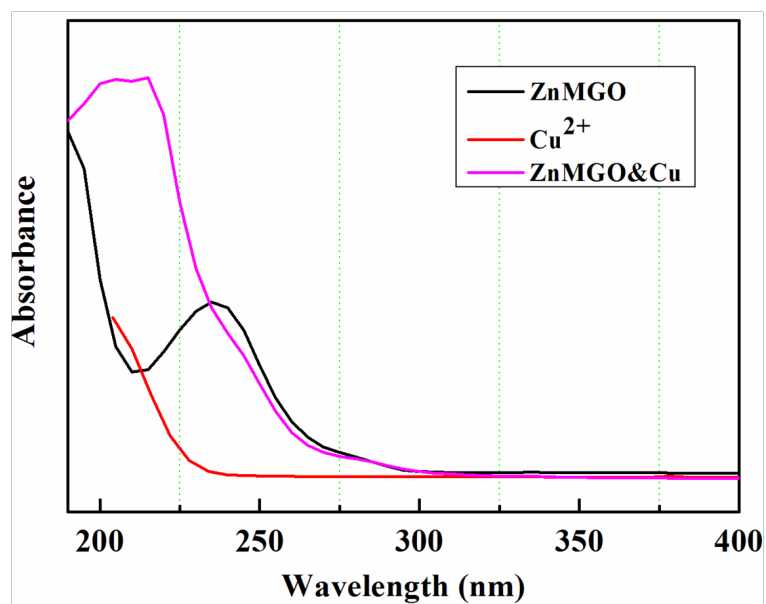


Fig. S3. UV-Vis spectrum of the ZnMGO composite (black line), ZnMGO&Cu (magenta line), and Cu²⁺ (red line).

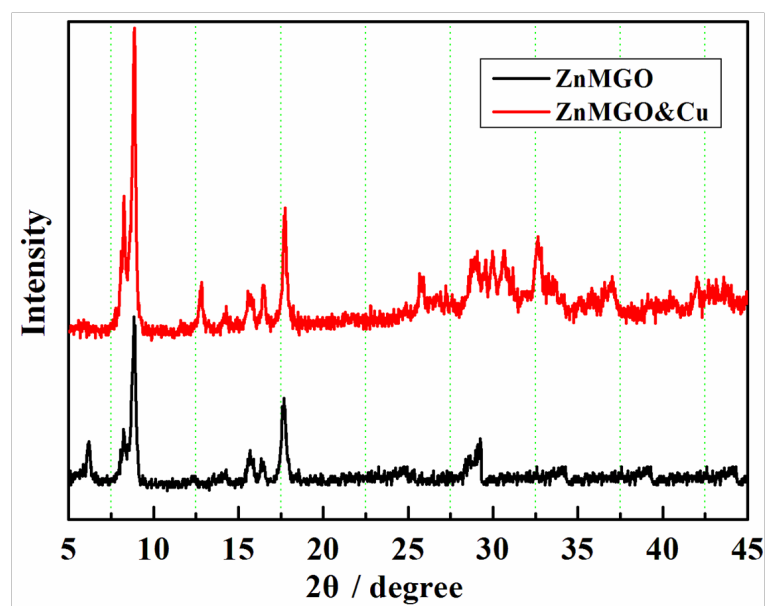


Fig. S4. XRD patterns for the ZnMGO composite (black line), and ZnMGO&Cu (red line).