

Supplementary Information

SERS-activated Magnetic Nanoprobes for Rapid Detection of Copper Ion in Aqueous Environment

by

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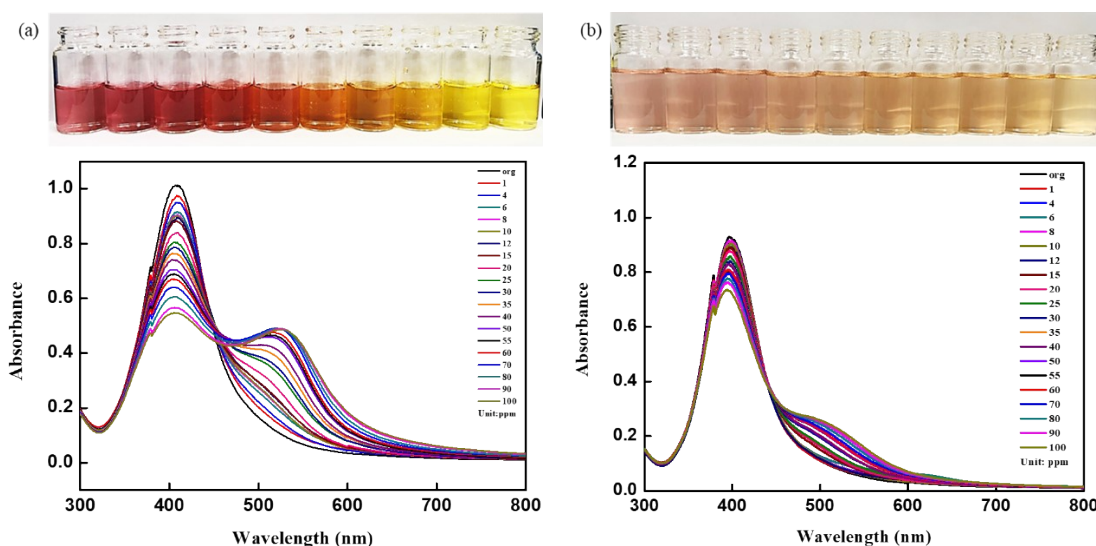


Figure S1 The steric effect of modifier of AgNPs for copper ion detection. (a) photographs and UV spectrum using 4MBA@Ag probes for sensing different concentration of copper ion; (b) photographs and UV spectrum using 2TSA@Ag probes for sensing different concentration of copper ion

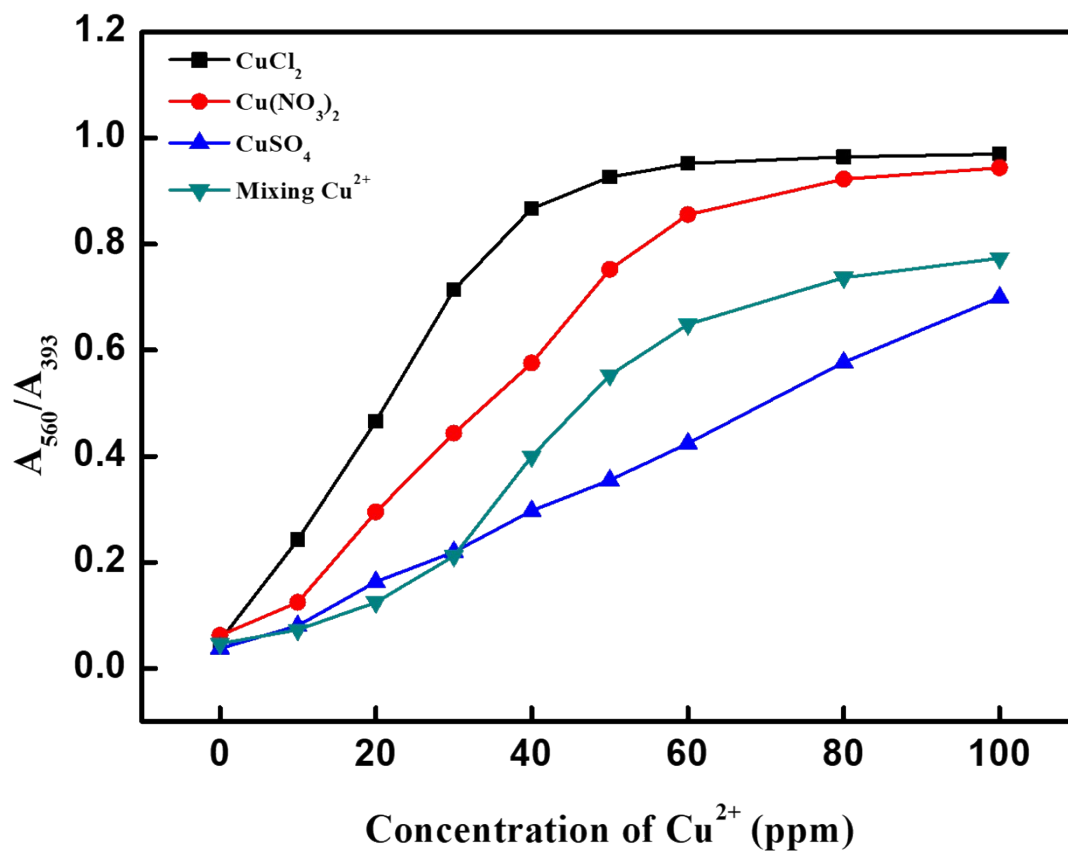


Figure S2 Plot of the A_{560}/A_{393} absorbance ratios of 4MBA@Ag solutions versus the concentrations of Cu^{2+} from different salts (chloride, nitrate, sulfate and mixed)