

Supplementary Information

Syntheses of Ag/Cu alloy and Ag/Cu alloy core Cu shell nanoparticles using a polyol method

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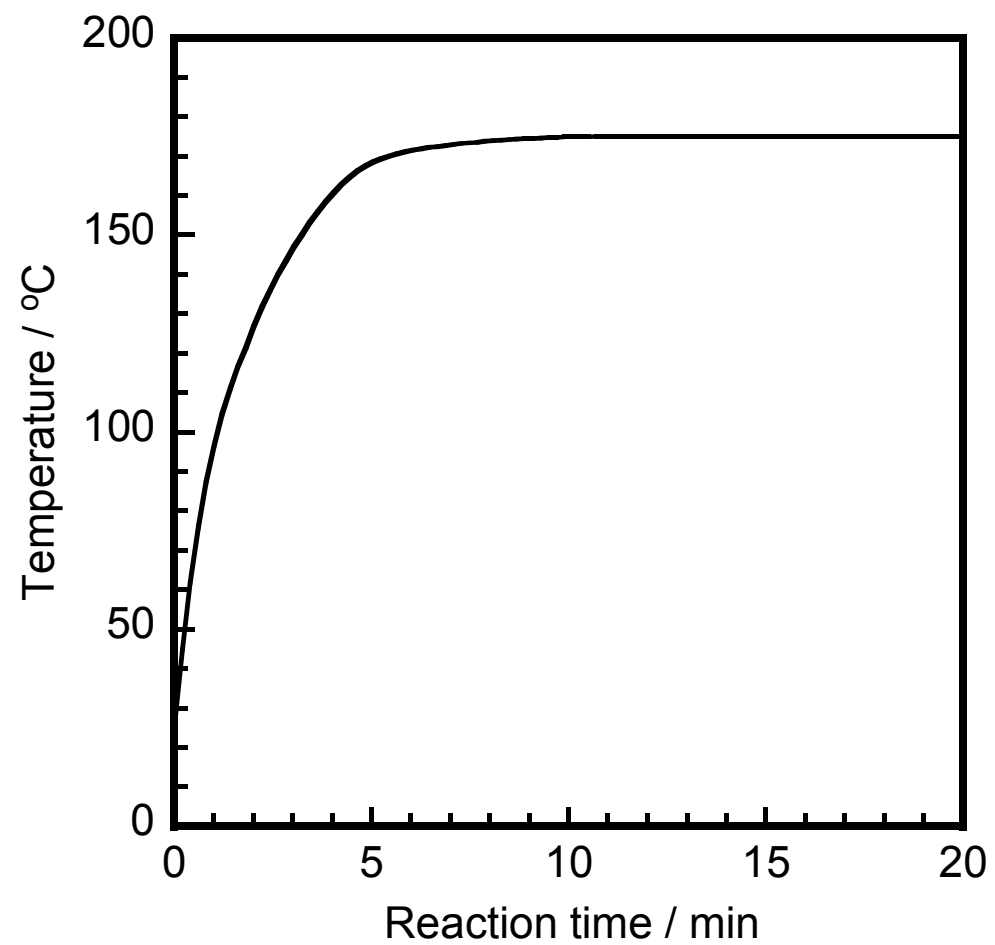


Fig. S1 Temperature profile of reagent solution after injection of $\text{AgNO}_3/\text{Cu}(\text{OAc})_2 \cdot \text{H}_2\text{O}/\text{PVP}$ mixtures.

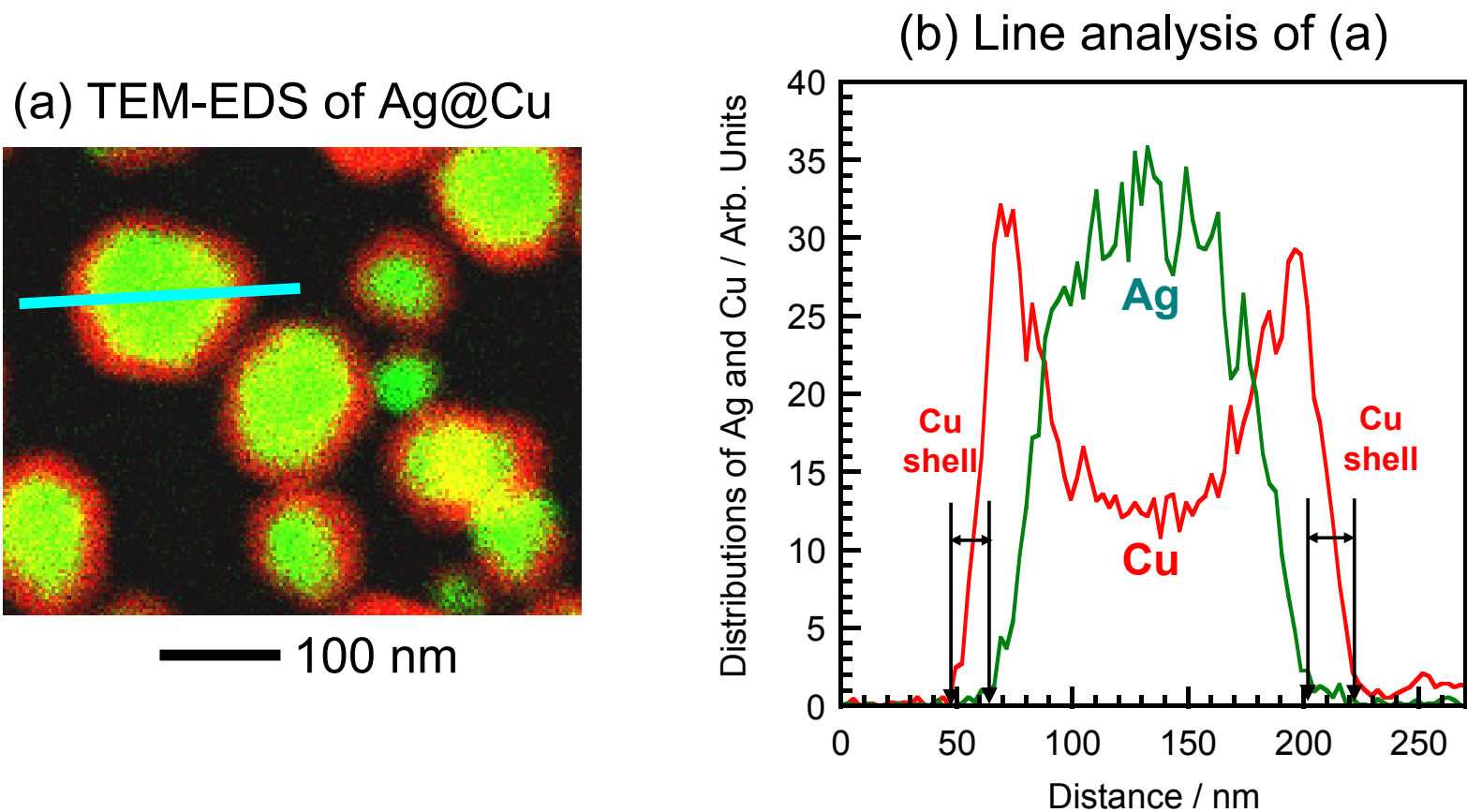


Fig. S2 (a) TEM-EDS of Ag@Cu particles and (b) its line analysis along cross section line shown in (a).

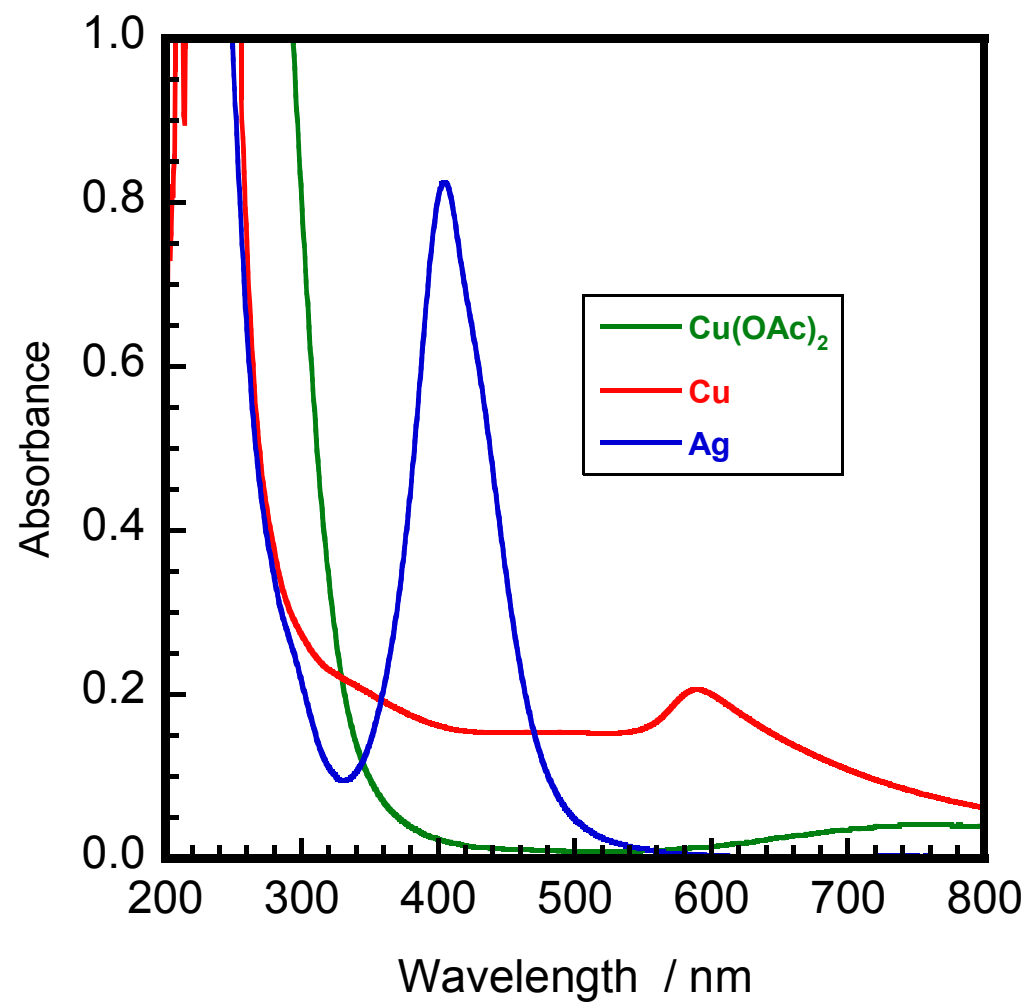


Fig. S3 UV-Vis extinction spectra of Cu(OAc)₂, Cu particles, and Ag particles.