

Supporting Information

Synthesis and growth mechanism of Au@Cu core-shell nanorods having a high antioxidative property

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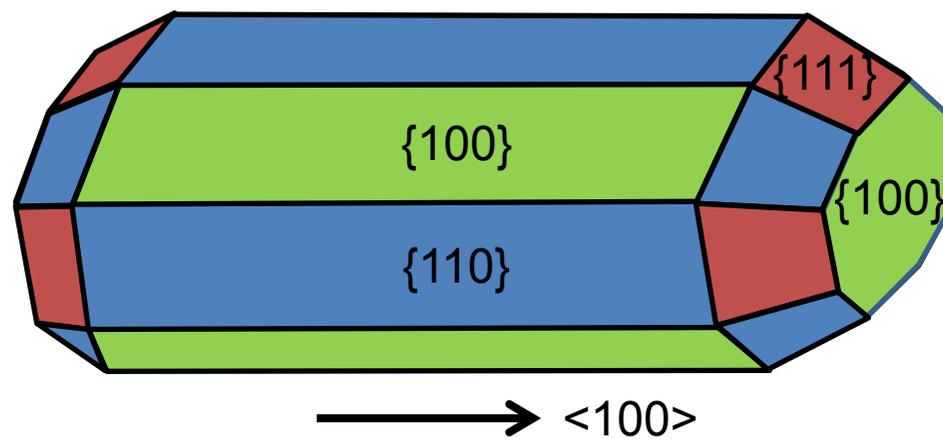


Fig. S1. Traditional crystal structures of Au NR prepared using CTAB.

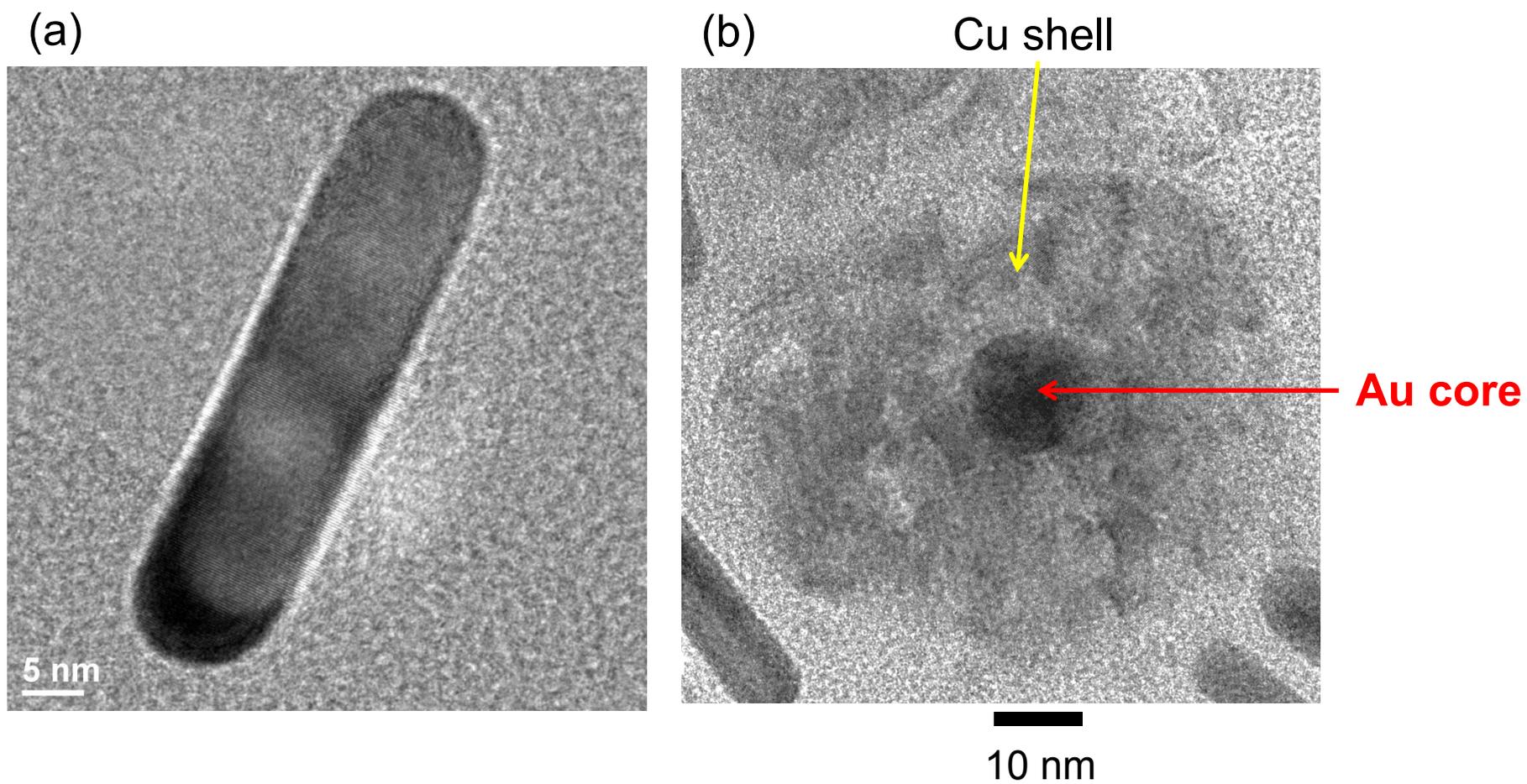


Fig. S2. TEM image of (a) Au NR and (b) standing Au NR in Au@Cu.

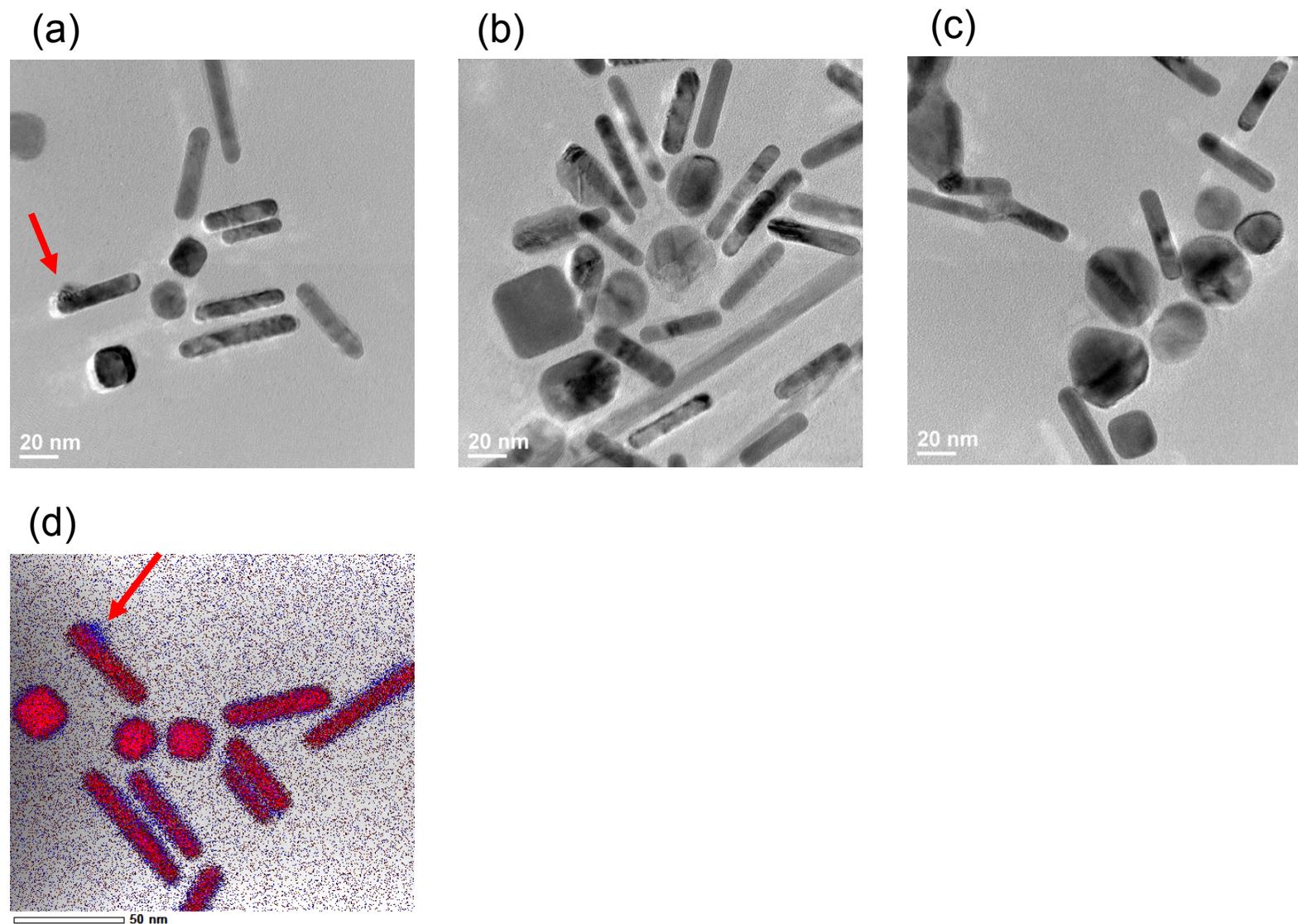


Fig. S3. (a)-(c) TEM images of Au-Cu products obtained using $\text{Cu}(\text{OAc})_2 \cdot \text{H}_2\text{O}/\text{NaCl}$ at 3, 6, and 9 h, respectively. (d) EDS image obtained at 3 h.

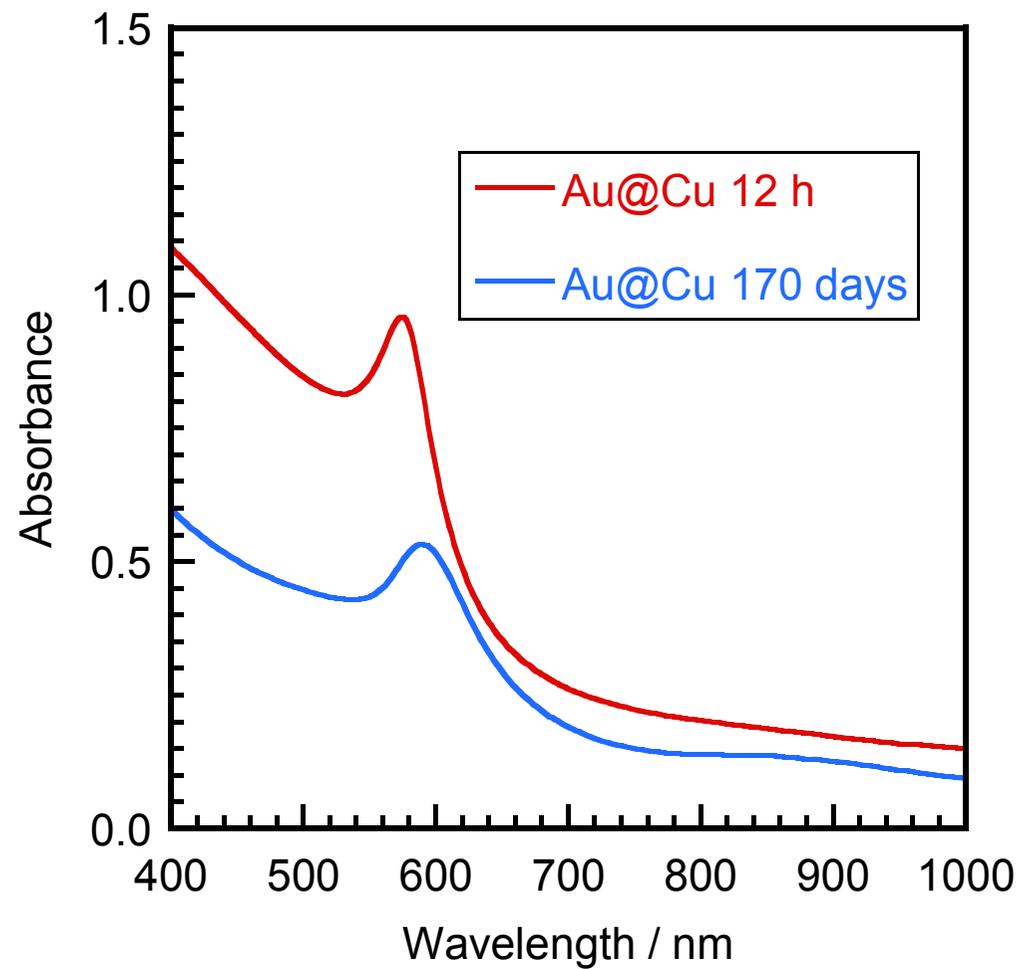


Fig. S4. SPR band of Au@Cu NRs obtained just after synthesis and after 170 days.