

Supporting Information

Size Control of Au@Cu₂O Octahedra for Excellent Photocatalytic Performance

Lina Kong, Wei Chen*, Dekun Ma, Yun Yang, SenSen Liu,
Shaoming Huang*

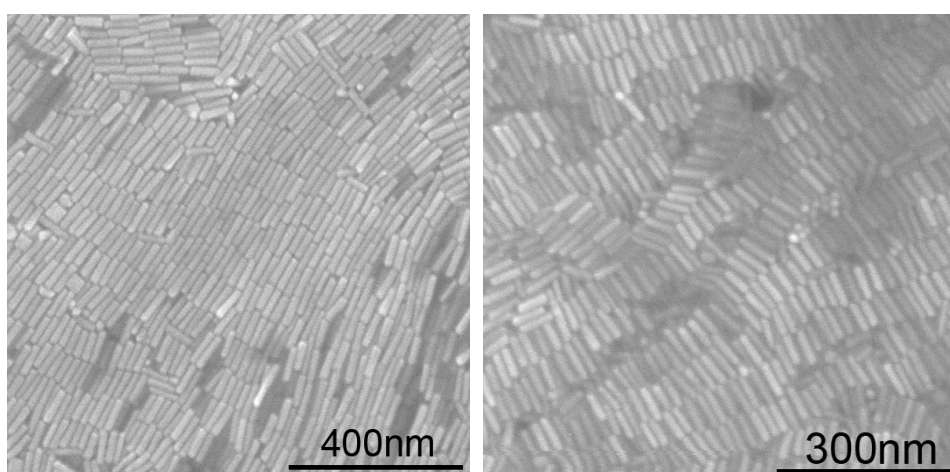


Fig. S1 FESEM images of the typical as-synthesized Au nanorods.

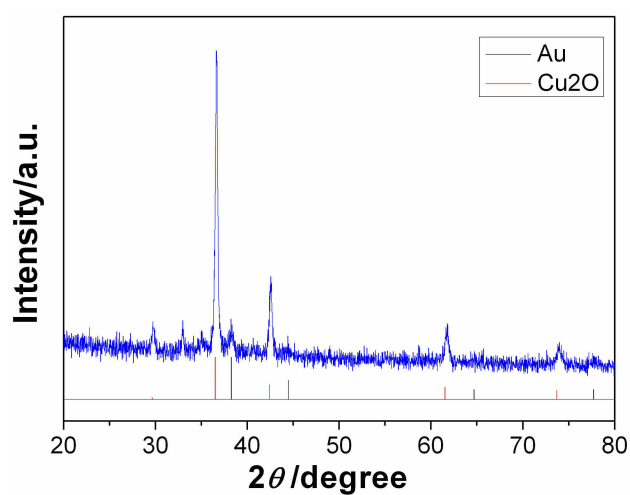


Fig. S2 Typical XRD pattern of Au@Cu₂O octahedra.

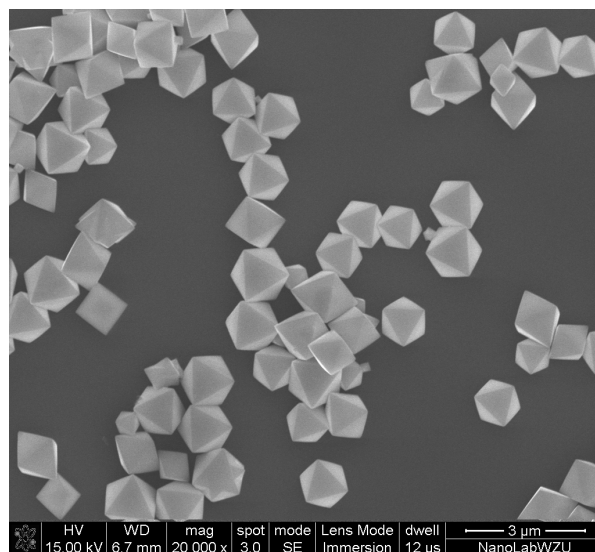


Fig. S3 SEM image of Cu₂O octahedra prepared without Au nanorods.

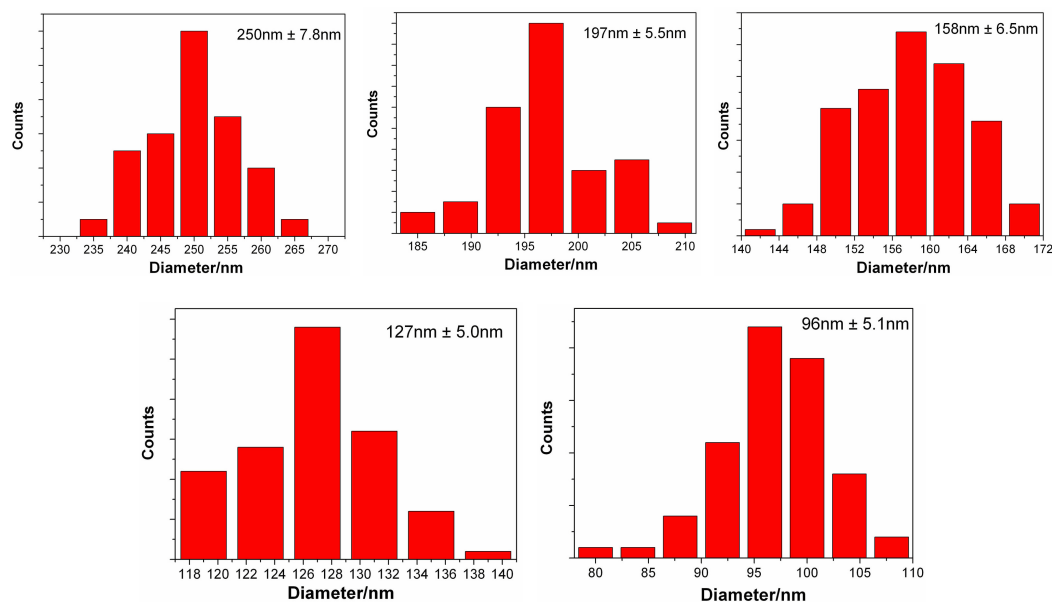


Fig. S4 Size distribution histograms and standard deviations of the five samples.

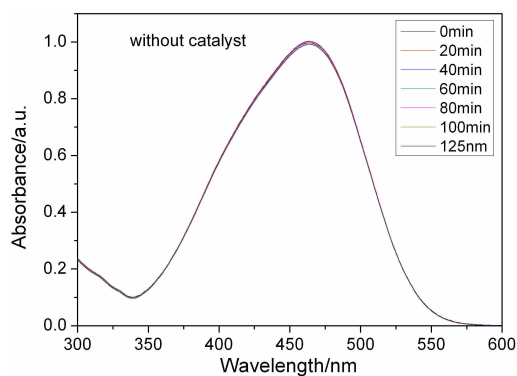


Fig. S5 UV-vis absorption spectra of methyl orange as a function of irradiation time when there was no catalyst.