

Supporting Information

Synthesis of Small Silver Nanocubes in a Hydrophobic Solvent by Introducing Oxidative Etching with Fe(III) Species

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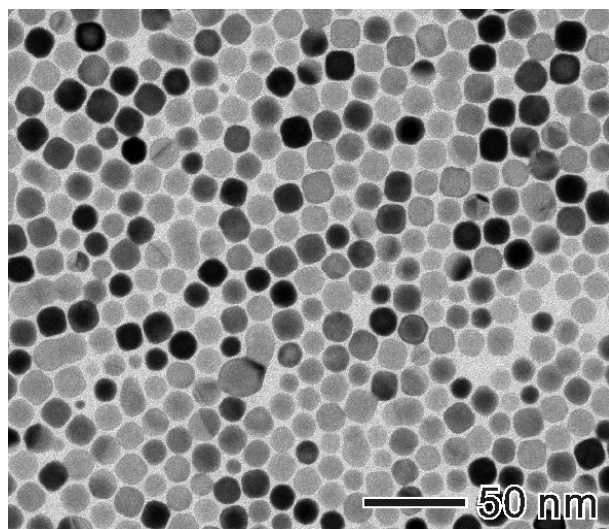


Figure S1. TEM image with low magnification of Ag nanocrystals synthesized using the same conditions as those in Figure 2C.

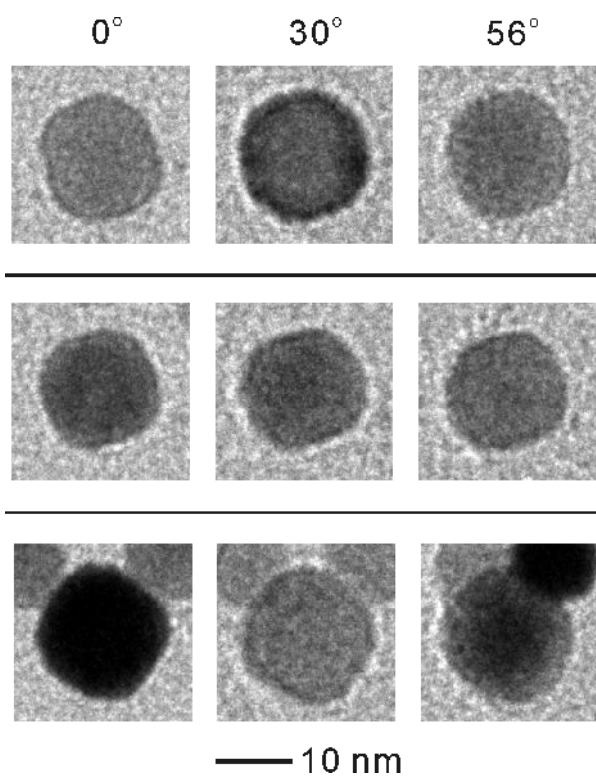


Figure S2. TEM images of three Ag nanocrystals in different orientations at different tilting angles of 0°, 30° and 56°, indicating that the Ag nanocrystals are of a cubic shape other than a square-shaped plate.

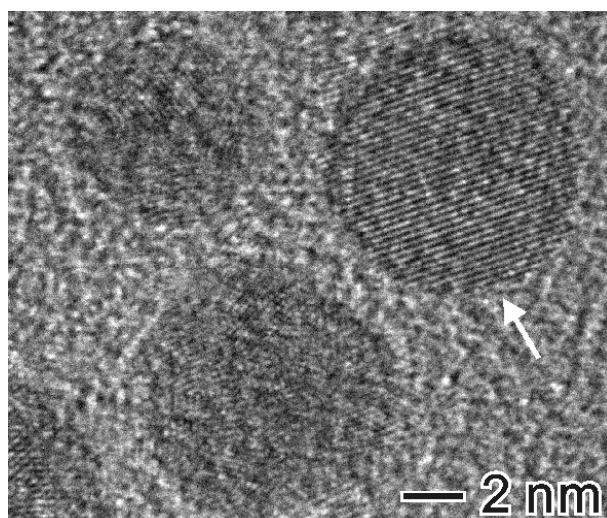


Figure S3. High-resolution TEM image of the sample taken from the reaction mixture at $t=10$ min after the addition of FeCl_3 (same sample as shown in Figure 3A), showing the existence of single-crystal seed (white arrow) in the early stage of the reaction.