

Supporting Information

Polyol Synthesis of Silver Nanoparticles: Use of Chloride and Oxygen to Promote the Formation of Single Crystal, Truncated Cubes and Tetrahedrons

Benjamin Wiley,[†] Thurston Herricks,[‡] Yugang Sun, and Younan Xia*

[†]Department of Chemical Engineering

[‡]Department of Materials Science and Engineering

Department of Chemistry

University of Washington, Seattle, Washington 98195-1700

*Corresponding author. E-mail: xia@chem.washington.edu

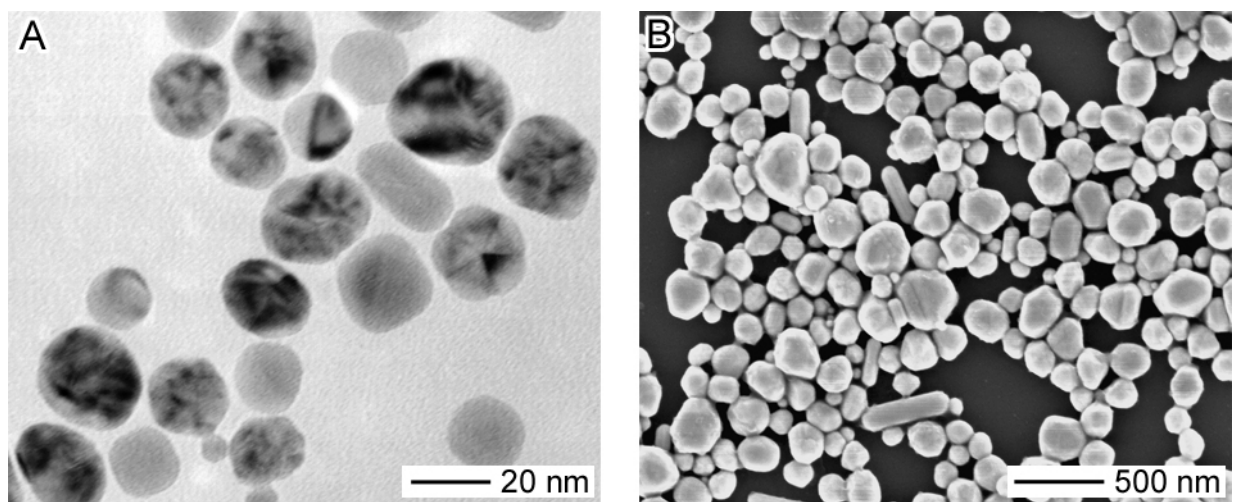


Figure S1. (A) TEM and (B) SEM images of silver nanoparticles obtained at $t=4$ min and $t=60$ min, respectively, when the synthesis was performed under the same conditions as those used for Figure 1 and Figure 2 except that no chloride was added. Note that most of these nanoparticles were irregular in shape, and characterized by multiple twins.