Supporting Information

Exceptional Enhancement of Raman Scattering on Silver Chlorobromide Nanocube Photonic Crystals: Chemical and Photonic Contributions

Zheng Li, David J. Gosztola, Cheng-Jun Sun, Steve M. Heald, Yugang Sun*
Figure S1. SEM images of (A) Ag nanocubes precipitated at the bottom of a centrifuge tube after centrifugation and (B) randomly organized AgCl$_{0.44}$Br$_{0.56}$ nanocubes on a glass slide after a drop of dispersion was dried at room temperature.
Figure S2. Statistical analysis of the Raman intensity at 999 cm\(^{-1}\) measured from thiophenol molecules adsorbed on the AgCl\(_{0.44}\)Br\(_{0.56}\) nanocube photonic crystal at 70 random spots. The red dashed line in (A) highlights the average intensity (\(\bar{I}\)) and the blue dash dotted lines highlight the average plus/minus two times of the standard deviation (\(\bar{I} \pm 2\sigma\)).