

Supporting Information

One-pot synthesis of gold nanoshells with high photon-to-heat conversion efficiency.

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TEM images and absorption spectra of nanoshells samples recorded at different stages of layer growth.

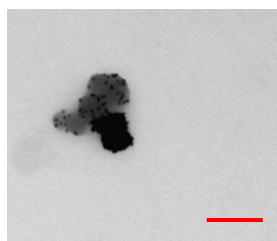
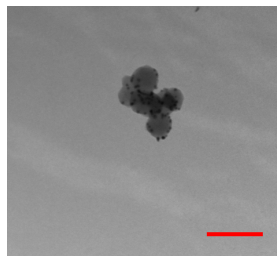


Figure S1. TEM images of incomplete gold nanoshells on silica nuclei (scale bar corresponds to 50 nm)

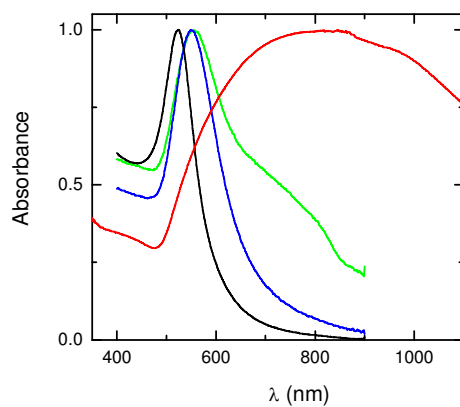


Figure S2. Normalized absorption spectra of gold nanoparticles (black), incomplete nanoshells (blue and green) and complete gold nanoshells on silica nuclei (red).