

Supporting Information

Selective Growth of Gold Nanoparticles onto Tellurium Nanowires via a Green Chemical Route

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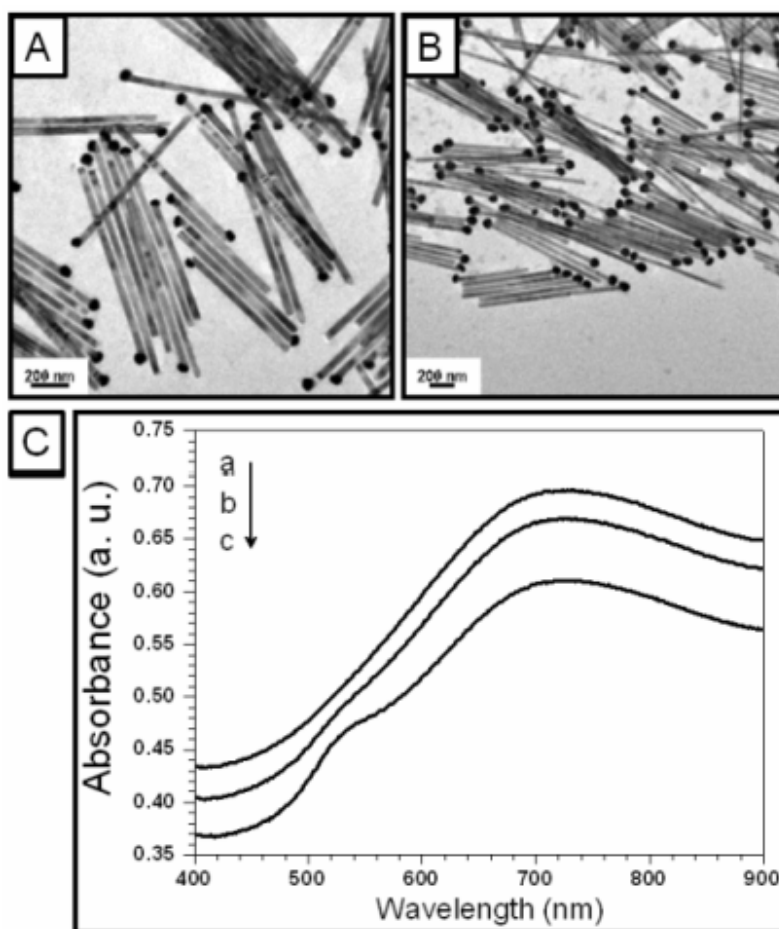


Figure S1. (A, B) TEM images of high-purity Au-Te NWs having (A) 50- and (B) 70-nm Au NP tips. (C) UV-Vis absorption spectra of (a) Te NWs and (b, c) Au-Te NWs having (b) 50- and (c) 70-nm Au NP tips.

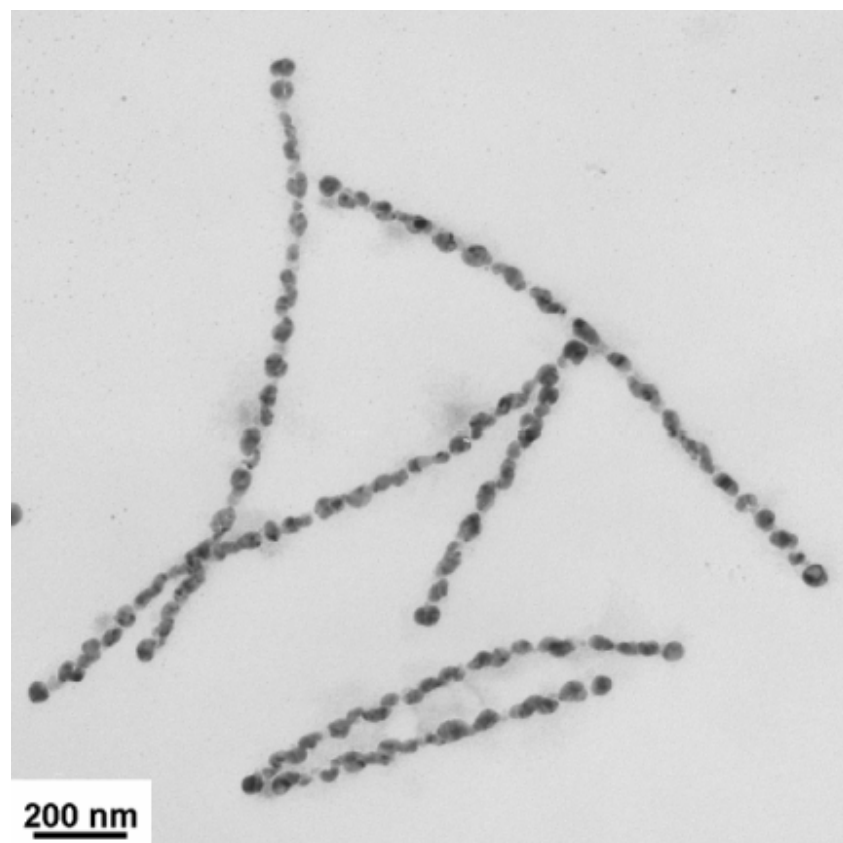


Figure S2. TEM image of the Au-Te nanomaterials prepared in solution at pH 7.0 in the presence of 10 mM CTAB. Au atoms were deposited at various positions along the Te NWs to form Au-Te nanopeapods.