Supporting Information for

Silver Oxide Nanocrystals Anchored on Titanate Nanotubes and Nanofibers: Promising Candidates for Entrapment of Radioactive Iodine Anions

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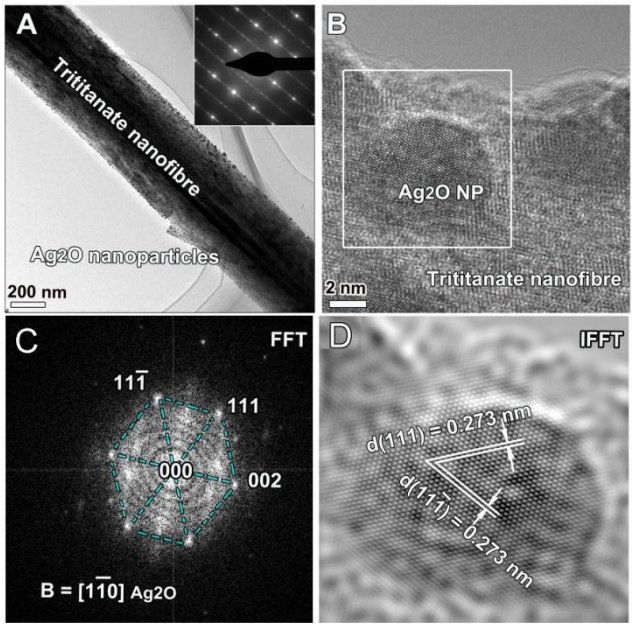

Figure S1. Ag_2O nanocrystals coated sodium trititanate nanofibers (Ag_2O-T3NF). (A) TEM analysis of the Ag_2O nanocrystals coated on the titanate nanofibers. Inset: selected-area electron diffraction pattern (EDP) of the nanofibers. (B) A HRTEM image of an Ag_2O nanoparticle. (C) Fast fourier transition (FFT) image of the selected area in image B. (D) An image obtained by inversing the fast fourier transition (IFFT) image of the selected area in image B.

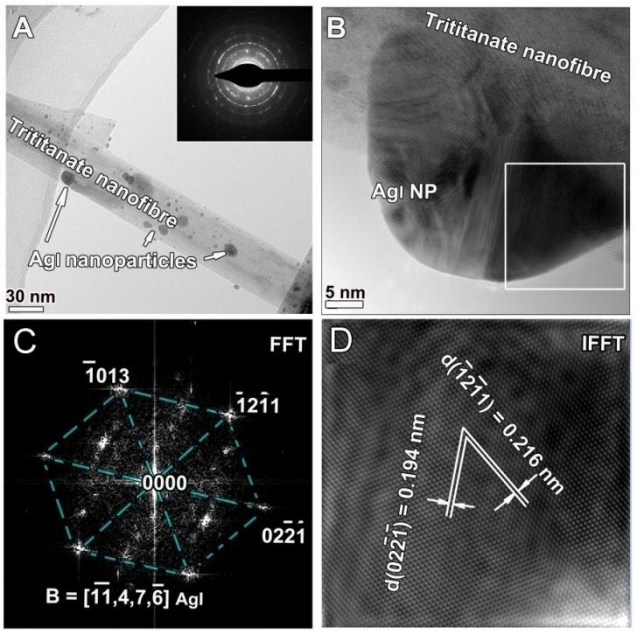

Figure S2. AgI nanocrystals coated sodium trititanate nanofibers (Ag_2O-T3NF). (A) TEM analysis of the AgI nanocrystals coated on the titanate nanofibers. Inset: selected-area electron diffraction pattern (EDP) of the nanofibers. (B) A HRTEM image of an AgI nanoparticle. (C) Fast fourier transition (FFT) image of the selected area in image B. (D) An image obtained by inversing the fast fourier transition (IFFT) image of the selected area in image B.