nanomaterials

MDPI

Supplementary Materials

Femtosecond Laser-Induced Nano-Joining of Volatile Tellurium Nanotube Memristor

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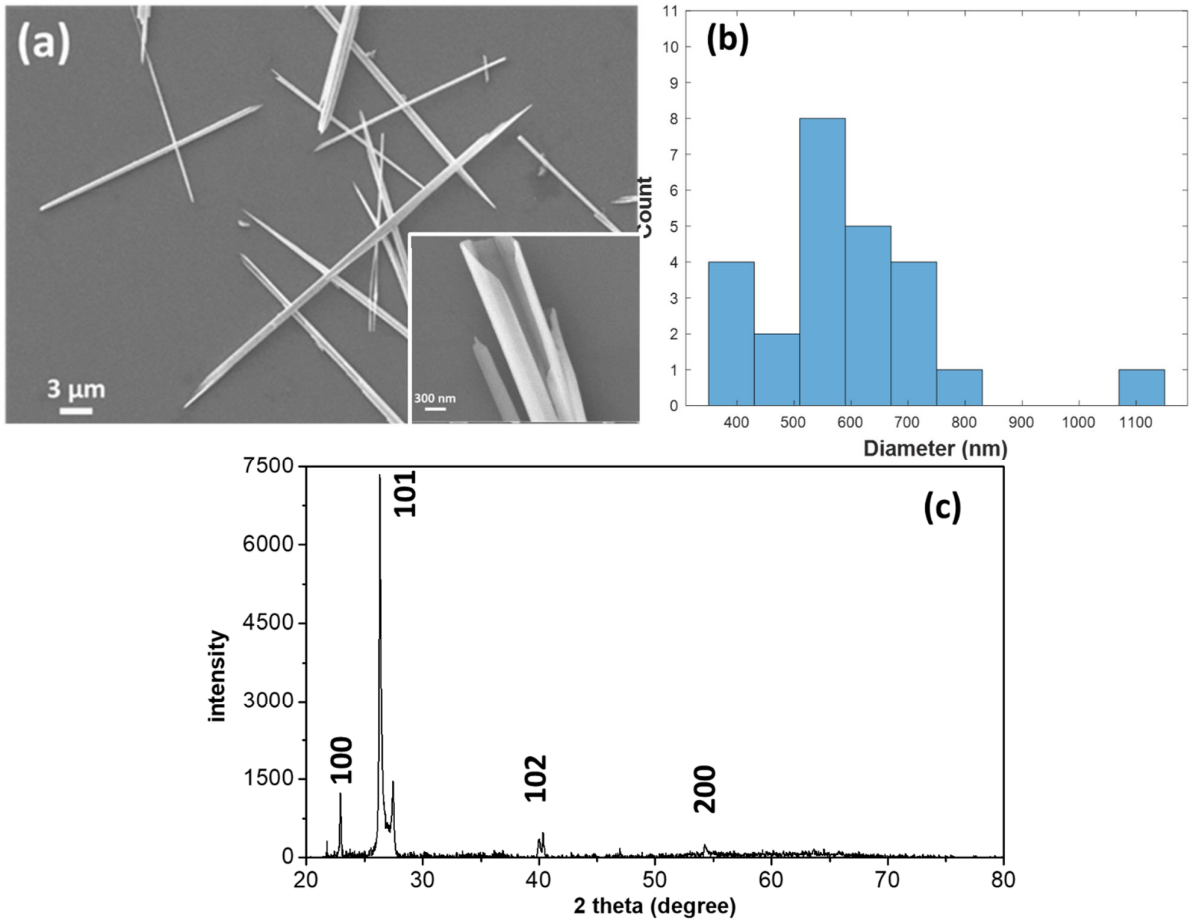

Figure S1. SEM images of (**a**) synthesized Te nanotubes and an enlarged SEM image of Te nanotubes in the inset to Fig. s1(**a**); (**b**) the distribution of nanotube's diameter, and (**c**) XRD analyses for synthesized Te nanotubes.

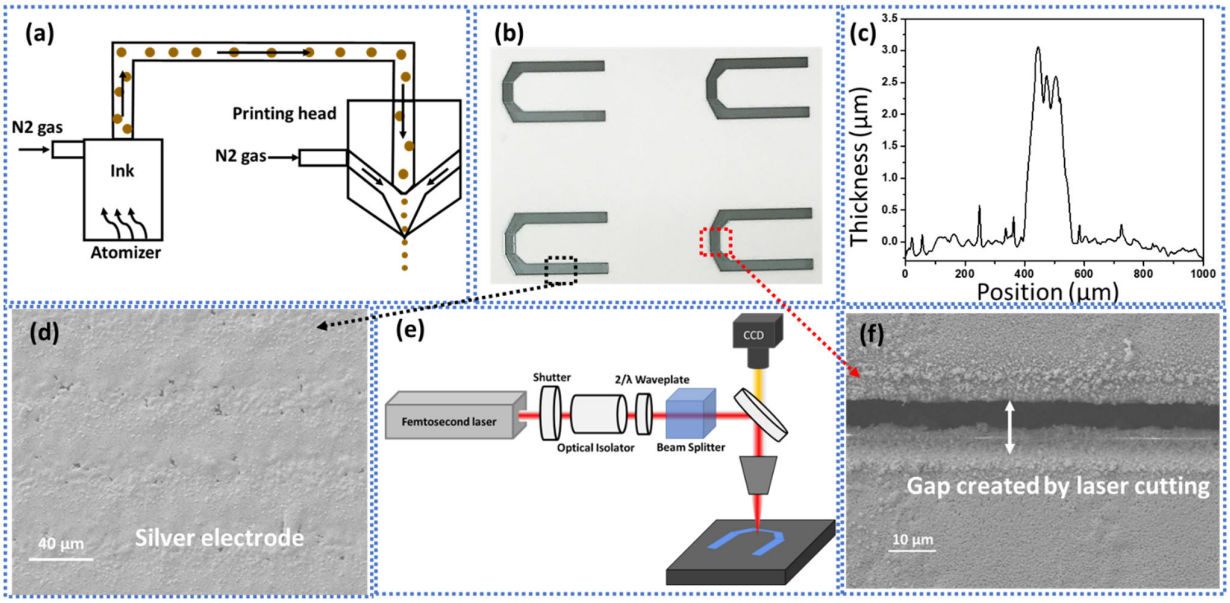

Figure S2. (**a**) Schematic of the aerosol jet printing process, (**b**) an image of silver electrodes printed by aerosol jet printing, (**c**) the thickness measurement result for the silver electrode, (**d**) an SEM image of printed silver electrode's surface after curing(**e**) the schematic of the laser-proccing setup, and (**f**) an SEM image of the gap created by laser cutting process.