

Large-scale solution-phase production of Bi_2Te_3 and PbTe nanowires using Te nanowire templates:
Supplementary Information

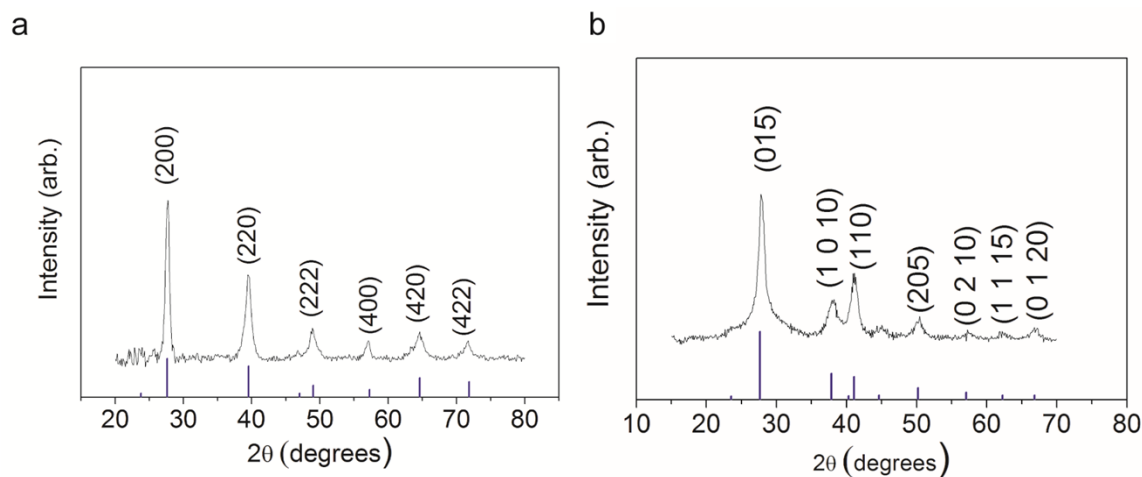


Figure S1. XRD patterns of a) PbTe nanowires eight months after their synthesis, b) Bi_2Te_3 nanowires nine months after their synthesis

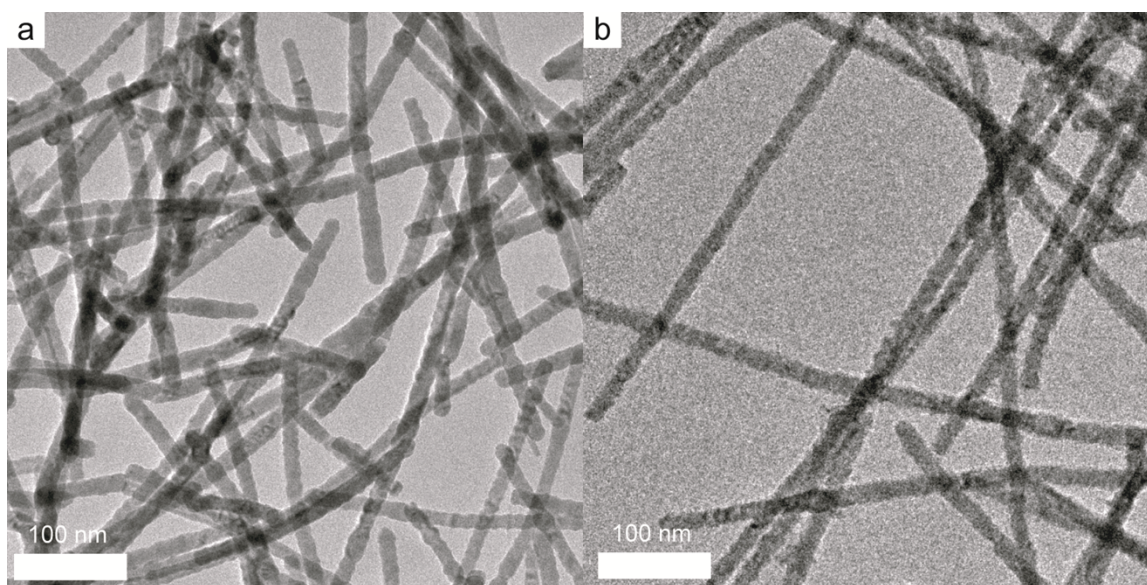


Figure S2. Low magnification TEM images of a) PbTe nanowires eight months after their synthesis, b) Bi_2Te_3 nanowires nine months after their synthesis

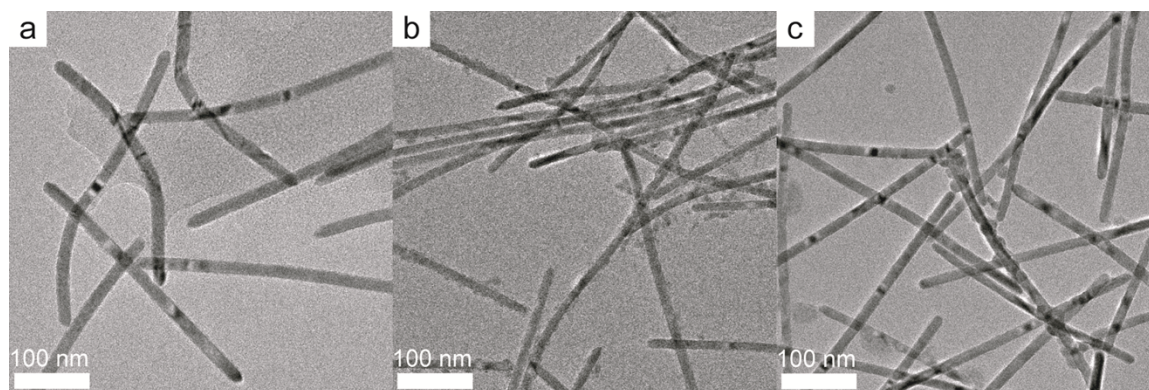


Figure S3. Low magnification TEM image of Te nanowires synthesized using N_2H_4 :Te molar ratios of a) 12.7:1, b) 19.1:1, c) 21.2:1

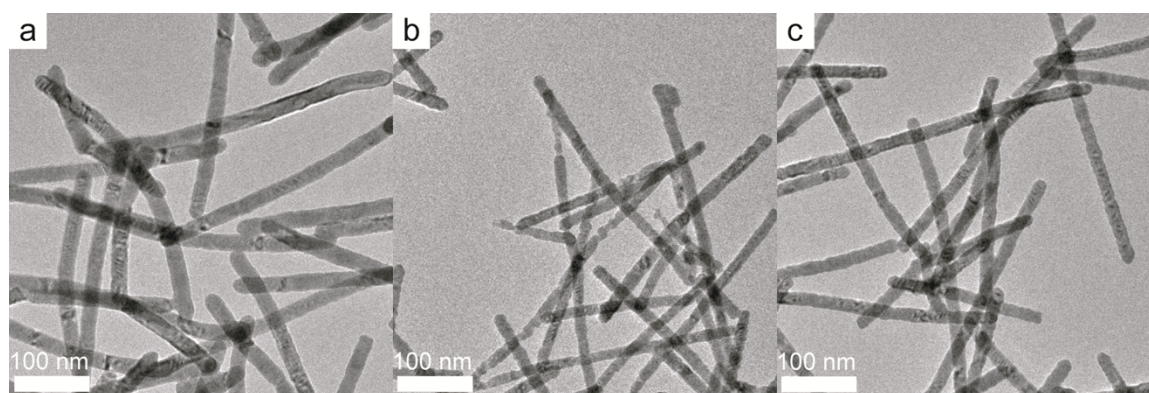


Figure S4. Low magnification TEM image of PbTe nanowires obtained after the second step of syntheses in which the N_2H_4 :Te molar ratios for the first step were a) 12.7:1, b) 19.1:1, c) 21.2:1

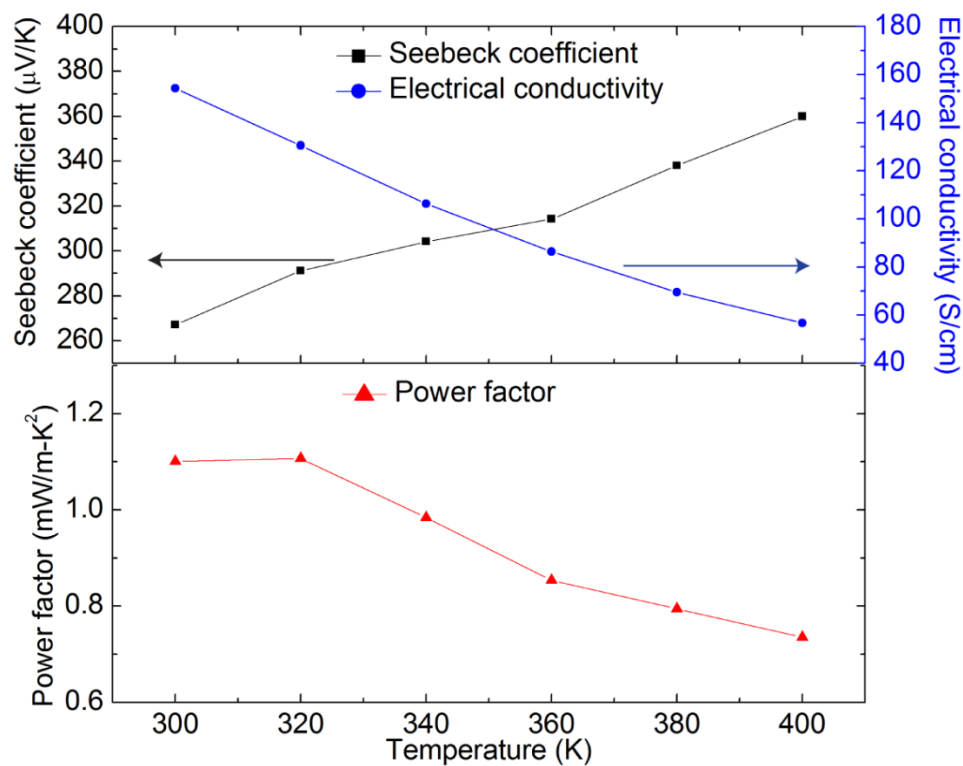


Figure S5. Seebeck coefficient, electrical conductivity and power factor of PbTe nanocomposite pellet at 300 – 400 K.

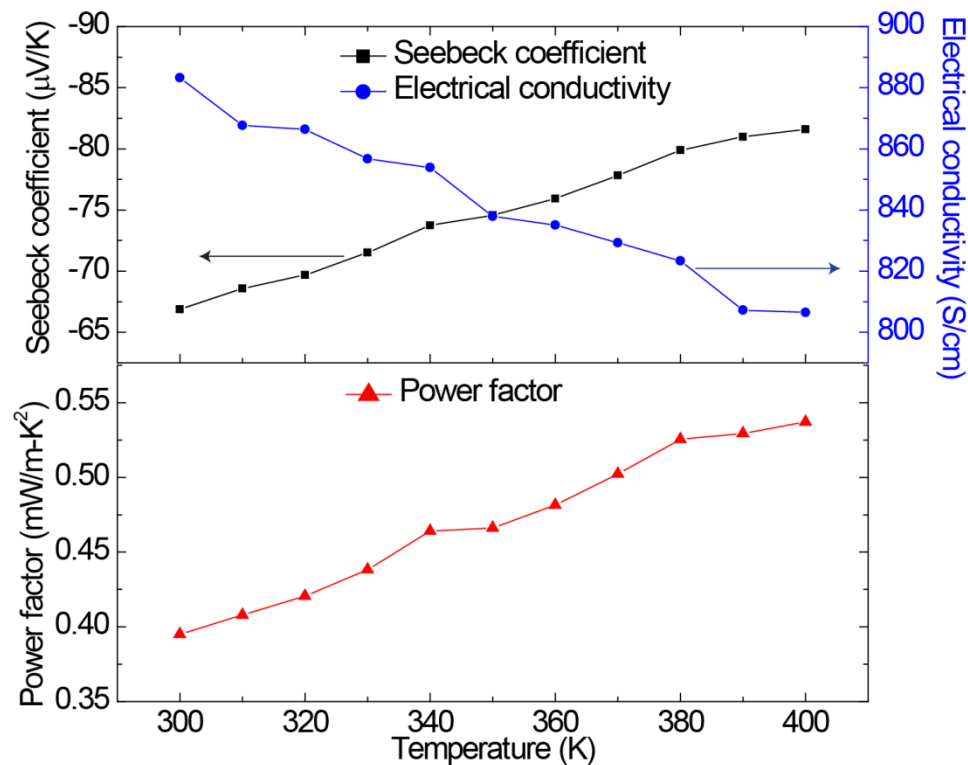


Figure S6. Seebeck coefficient, electrical conductivity and power factor of Bi_2Te_3 nanocomposite pellet at 300 – 400 K.