

Supplementary Information

Templating Synthesis of Bi_2Te_3 Nanowires with High Aspect Ratio in Triethylene glycol (TEG) and Their Thermoelectric Performance

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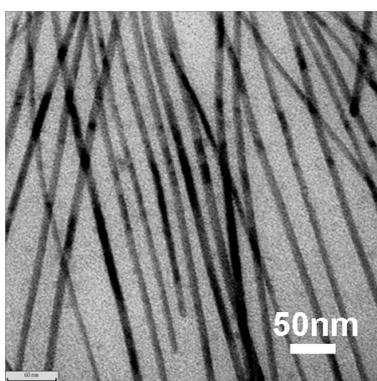


Fig. S1 TEM image of the ultrathin Te nanowire templates prepared by a PVP-assisted hydrothermal process.

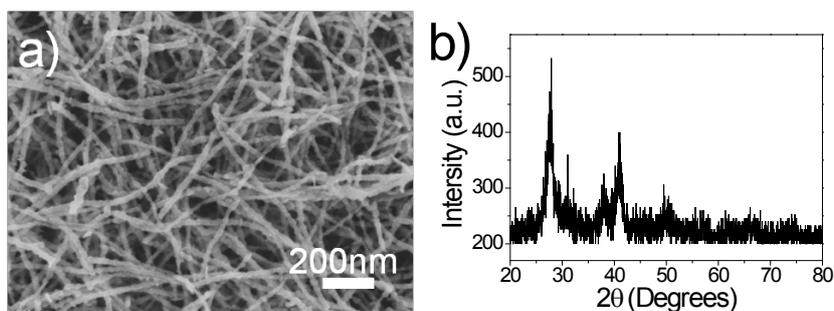


Fig. S2 SEM image (a) and XRD pattern (b) of the sample obtained in EG at 180 °C for 20 minutes.

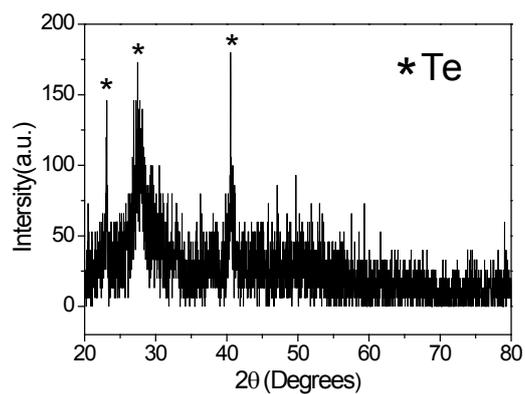


Fig. S3 The XRD pattern of the sample prepared in H₂O at 100 °C for 20 minutes.

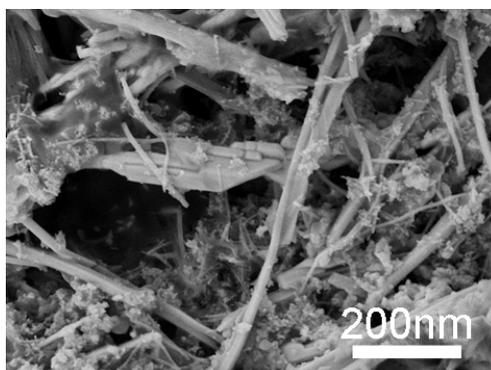


Fig. S4 The SEM image of the samples obtained in TEG for only 1 hour at 200 °C by a solvothermal route.

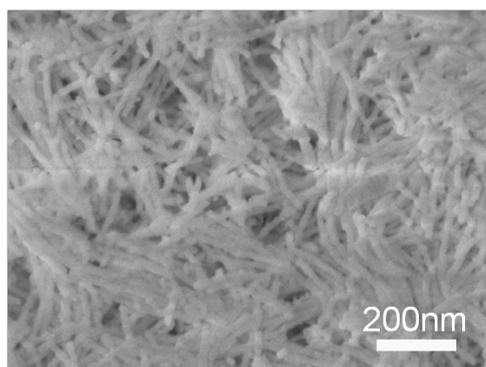


Fig. S5 The SEM image of the as-pressed Bi₂Te₃ pellet.