

## Supporting Information

### **Improving thermoelectric performance by constructing SnTe/ZnO core-shell structure**

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## Section 1:

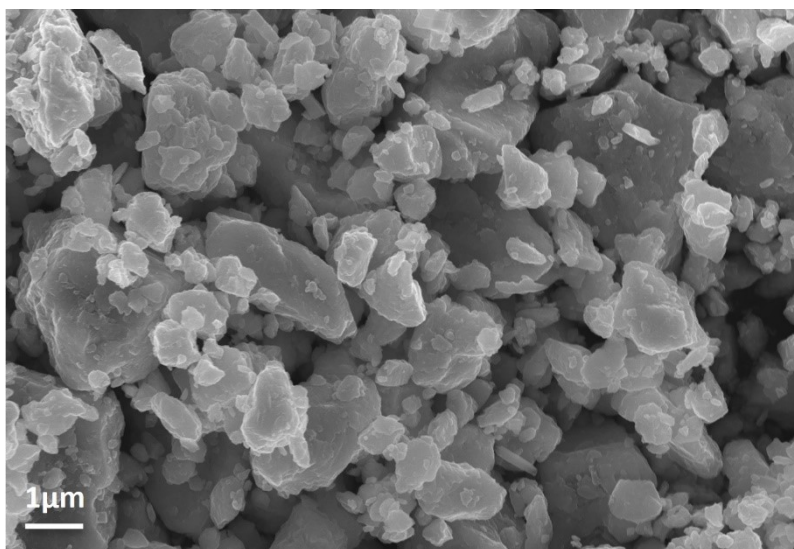


Fig. S1 the pristine SnTe particles prepared by conventional melting and hand grinding.

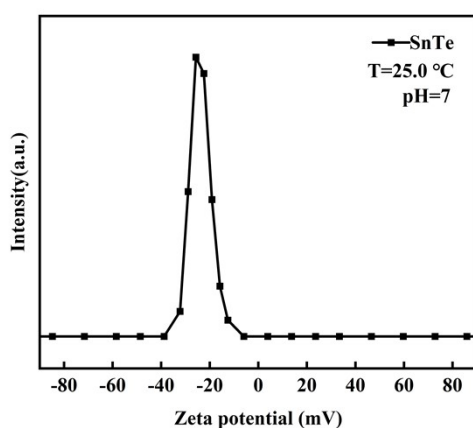


Fig. S2 Zeta potential of SnTe particles dispersed in aqueous solution.

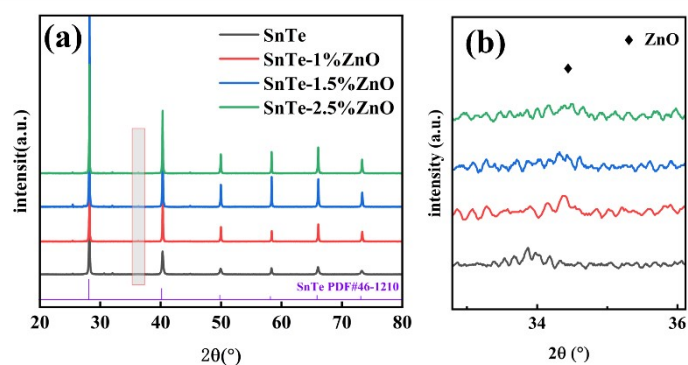


Fig. S3 (a)XRD patterns of SnTe-x%ZnO (x=0, 1, 1.5, 2.5) bulks. (b)2θ shifts for SnTe-x%ZnO (x=0, 1, 1.5, 2.5) bulks.