

Supporting information

Au-Assisted Catalytic Growth of Si₂Te₃ Plates

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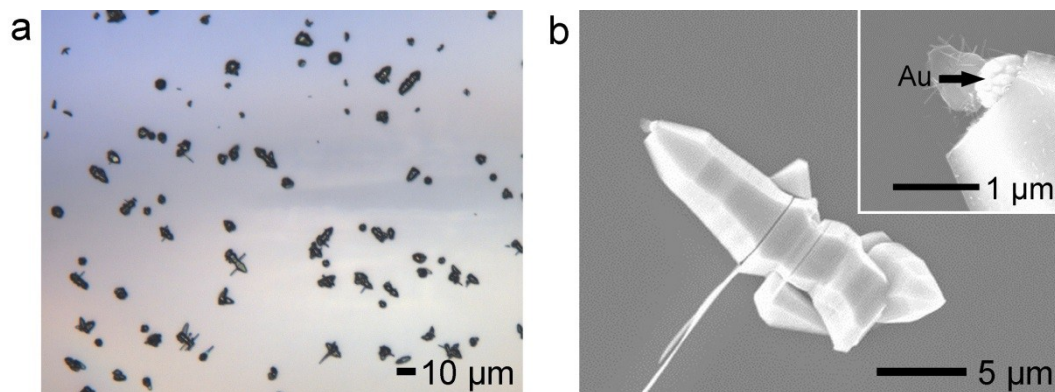


Figure S1. (a) OM image of Si-Te compound seeds synthesized with only ramping the reaction temperature to 750 °C without maintaining (region I). (b) SEM image of a seed with inset image of higher magnification showing Au attached at the end of the seed.

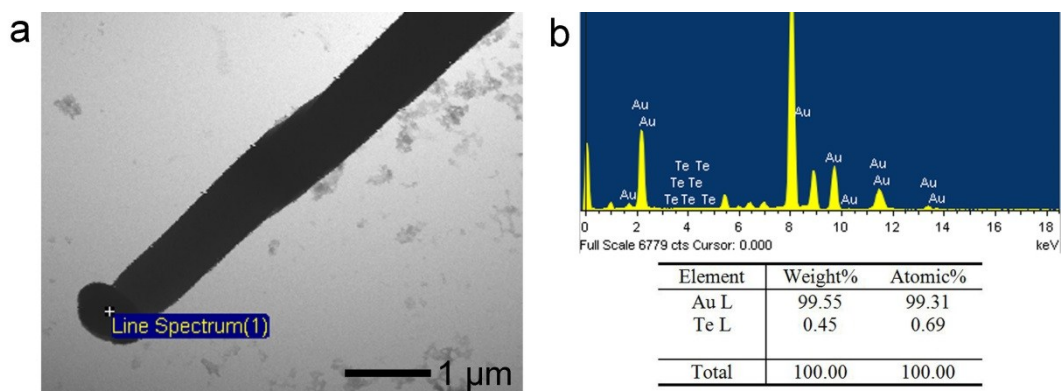


Figure S2. (a) TEM image of the synthesized rod at tapered tip area. (b) Point EDS result at the tip area, showing the tip is mostly Au (> 95 atomic %).