Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Supplementary information

Phase-Pure Fabrication and Shape Evolution Studies of SnS Nanosheets

Malik Dilshad Khan,[a] Javeed Akhtar, [b] Mohammad Azad Malik,[a, c] Masood Akhtar, [a, c] and Neerish Revaprasadu*[a]

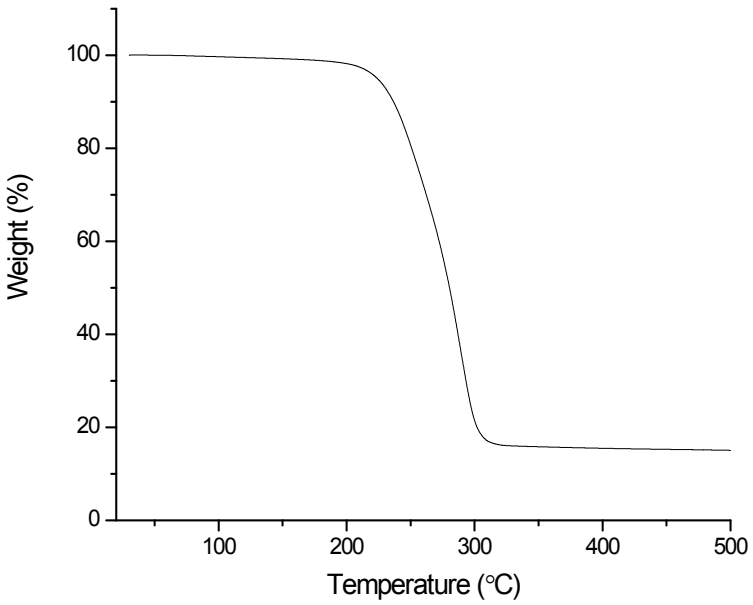


Fig. S1. Thermogravimetric analysis of dibuty-*bis*(piperidinedithiocarbamato)tin(IV)

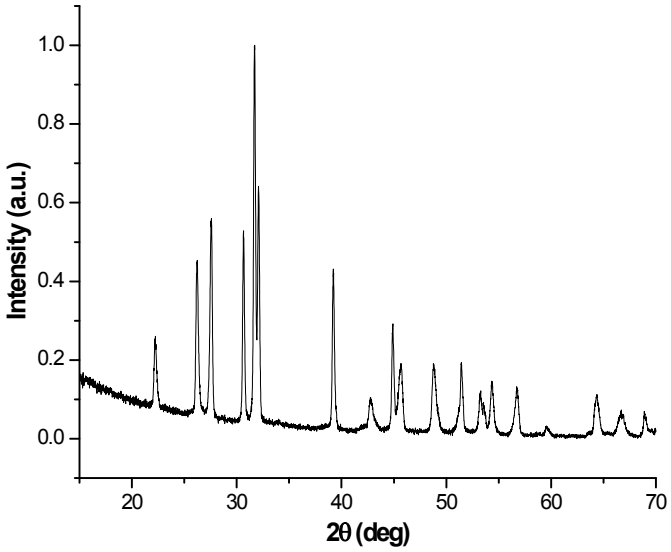


Fig. S1a. XRD pattern of residual SnS at 450 °C with ICDD # 00-039-0354.

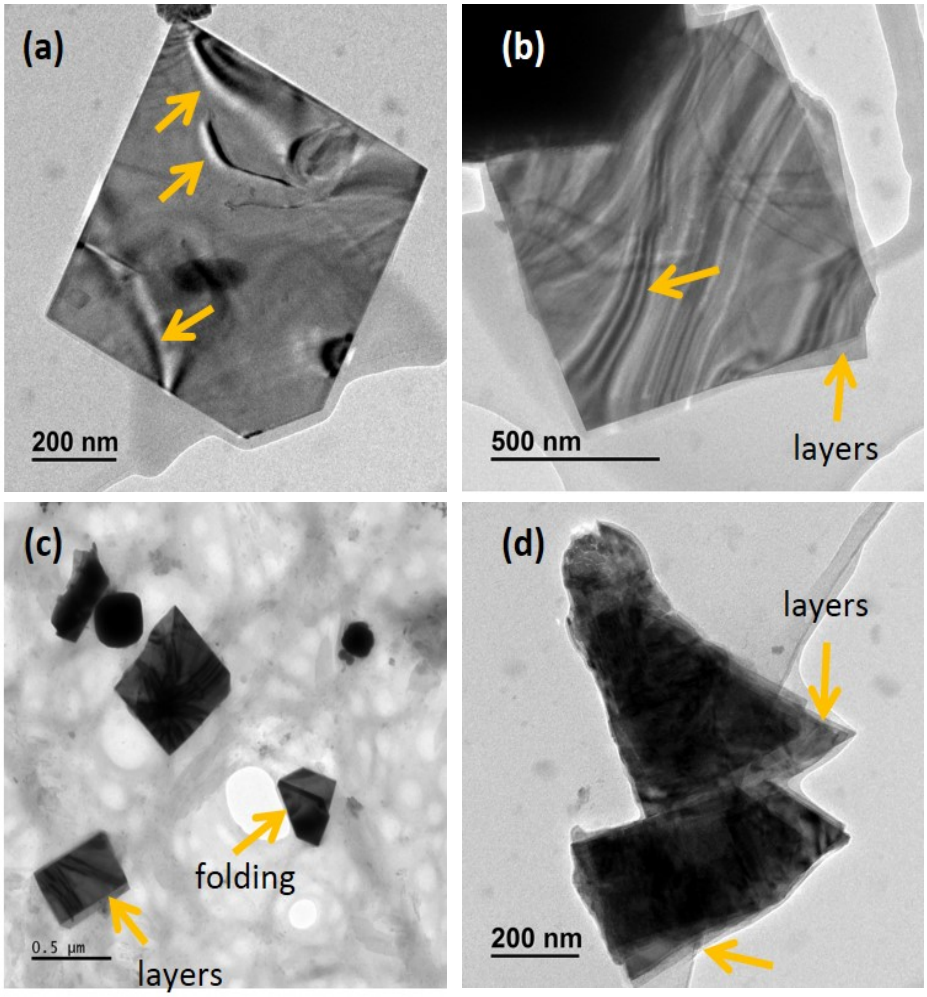


Fig. S2. TEM images showing thin SnS sheets which show tendency to buckle and fold.

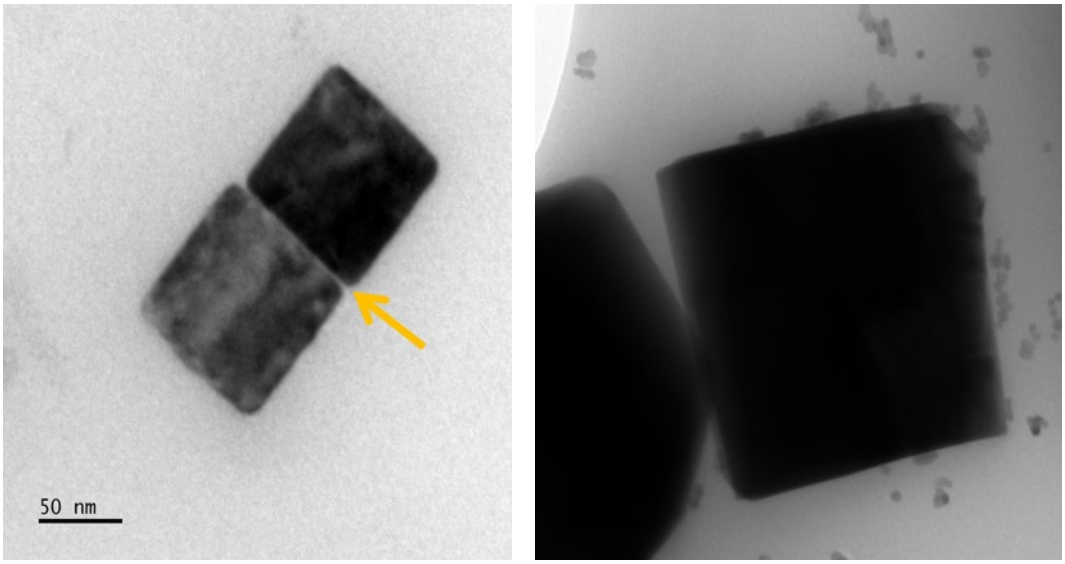


Fig. S3. TEM images showing fusion of particles

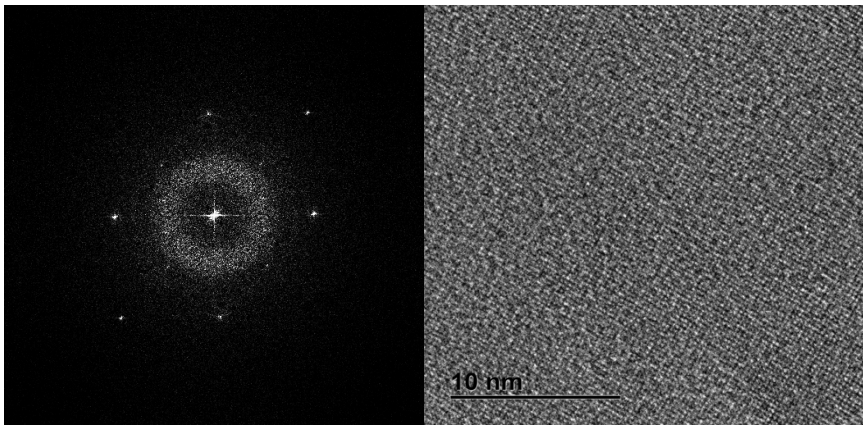


Fig. S4. SAED pattern showing polycrystalline nature of nanoparticles.

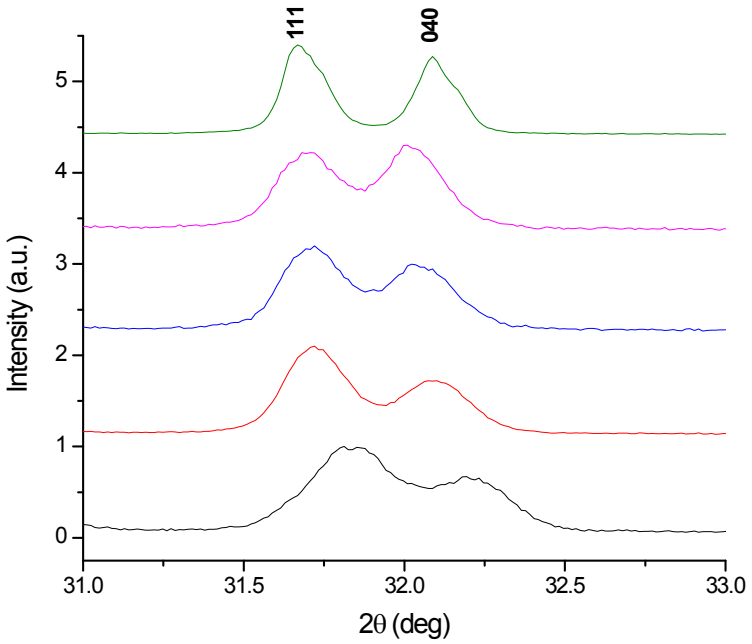
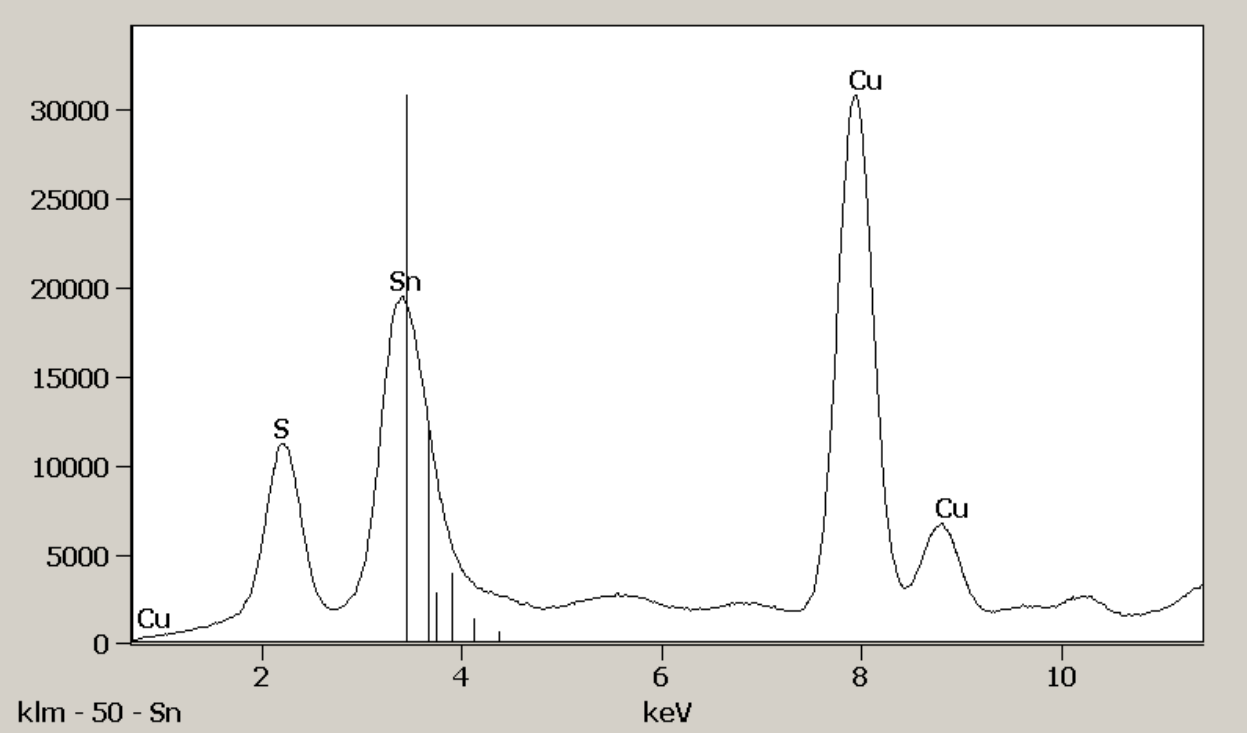


Fig S5. Expanded part of XRD pattern



Element Line	Weight %	Weight % Error
S K	29.14	± 0.88
S L	---	---
Cu K	38.27	± 0.43
Cu L	---	---
Sn L	32.59	± 2.37
Sn M	---	---
Total	100.00	

Fig. S6. EDX analysis showing ratio of Sn and S.