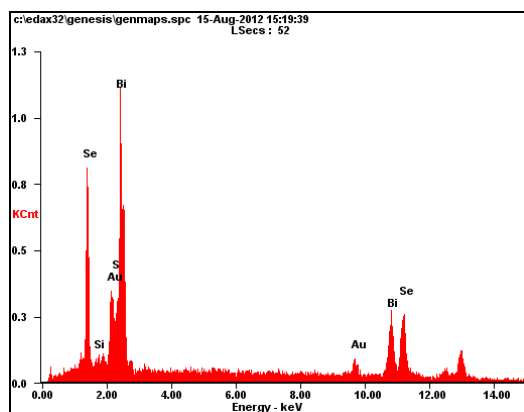


Hierarchical $\text{Bi}_2\text{Se}_{3-x}\text{S}_x$ microarchitectures assembled by ultrathin polycrystalline nanosheets: solvothermal synthesis and good electrochemical performance†

Rencheng Jin,^{a*} Junshen Liu,^a Yanbin Xu,^a Guihua Li^a and Gang Chen^{b*}



<i>Element</i>	<i>Wt%</i>	<i>At%</i>
<i>SiK</i>	00.98	04.04
<i>SK</i>	04.94	17.87
<i>AuL</i>	10.61	06.25
<i>BiL</i>	55.55	30.82
<i>SeK</i>	27.93	41.01
<i>Matrix</i>	Correction	ZAF

Fig. S1 Energy dispersive spectrum of the as-synthesized flower like $\text{Bi}_2\text{Se}_{3-x}\text{S}_x$.

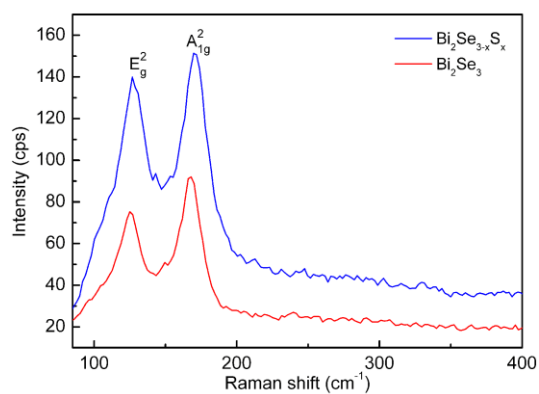


Fig. S2 Raman spectra of Bi₂Se₃ and Bi₂Se_{3-x}S_x, Raman spectrum on individual nanoparticles were recorded in the range of 80–400 cm⁻¹.