

Supporting Information

Synthesis of Band-gap Tunable Cu-In-S Ternary Nanocrystals in Aqueous Solution

Meina Wang, Xiangyou Liu, Chuanbao Cao* and Cui Shi

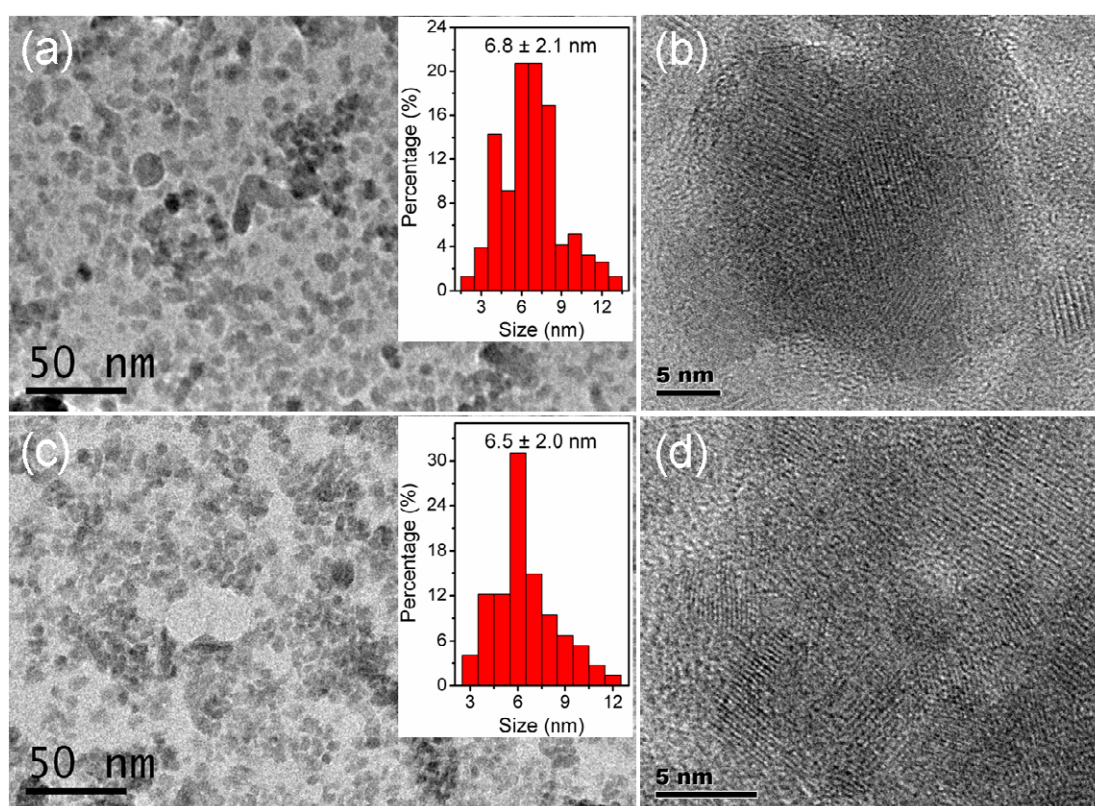


Fig. S1 Representative TEM (a, c) and HRTEM (b, d) images of the synthesized Cu_xIn_yS_{0.5x+1.5y} nanocrystals. (a, b) x/y = 1:3; (c, d) x/y = 3:1. The value of x/y is the initial molar ratio of Cu and In precursors in the reaction solution.

Table S1			
Sample ^a	ICP results ($\mu\text{g mL}^{-1}$)		Molar ratio of Cu/In ^b
	Cu	In	
Cu _{3.0} In _{1.0} S _{3.0}	5.82	6.41	Cu _{1.6} In _{1.0} S _{2.6}
Cu _{1.0} In _{1.0} S _{2.0}	2.20	4.37	Cu _{1.0} In _{1.1} S _{1.8}
Cu _{1.0} In _{3.0} S _{5.0}	3.95	21.98	Cu _{1.0} In _{3.1} S _{4.5}

^aCalculated from the molar ratios of Cu/In precursors used. ^bCalculated according to the ICP results.