

Catalyst-Assisted Solution-Liquid-Solid Synthesis of CdS/CuInSe₂ and CuInTe₂/CuInSe₂ Nanorod Heterostructures

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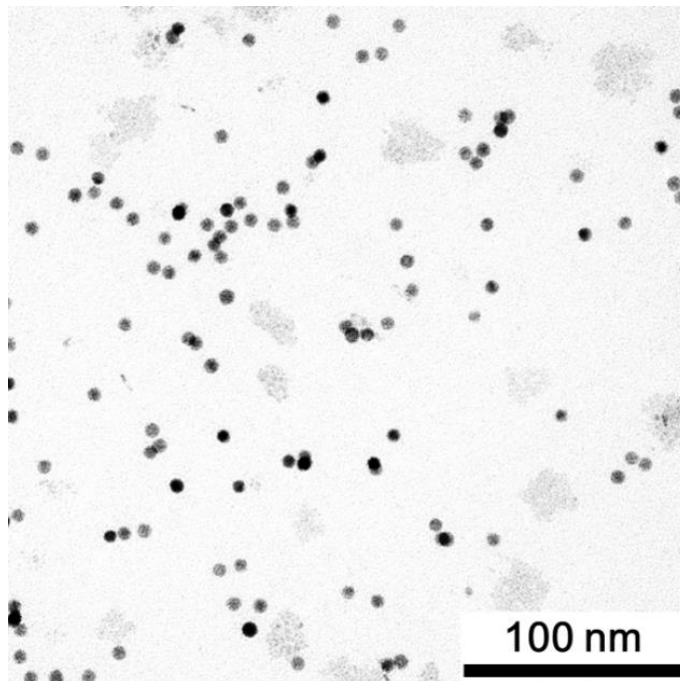


Figure S1. TEM image of Bi nanocrystals

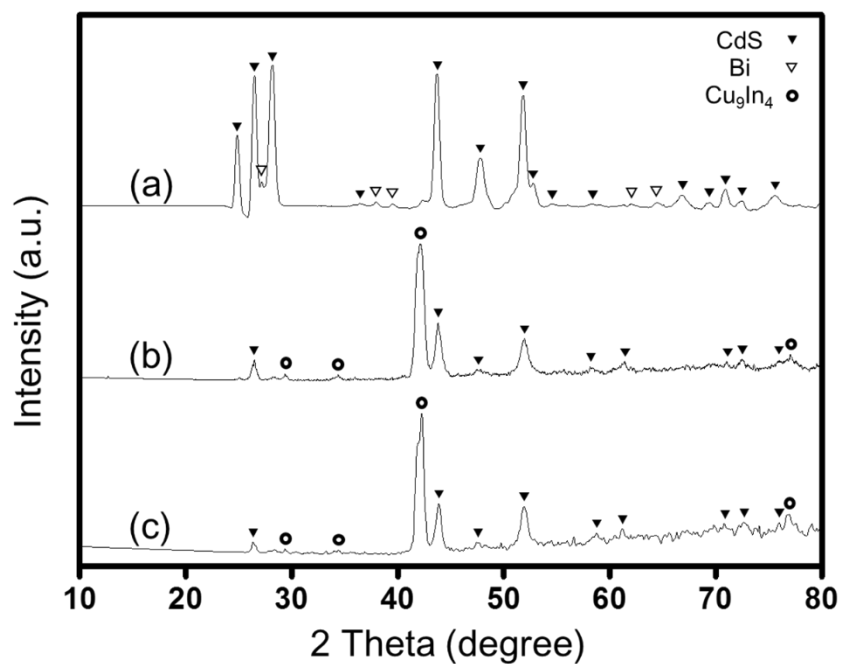
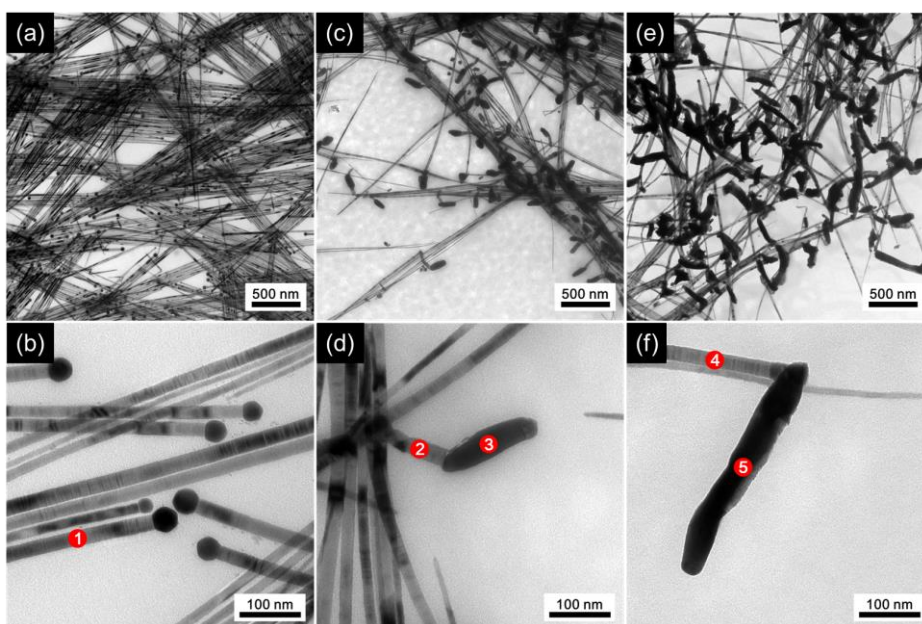


Figure S2. XRD pattern of (a) Bi-CdS NWs, and the products obtained by using Bi-CdS NWs as seeds to induce the subsequent heterostructures growth, (b) 0.25 mL Cu, In, and Se precursor solution, (c) 0.5 mL Cu, In, and Se precursor solution.

Table S1. EDS data collected from red dots ① to ⑤ (Figure 6 (b), 6 (d) and 6 (f)).



Point	Bi (At %)	Cu (At %)	In (At %)	Se (At %)	Cd (At %)	S (At %)
1	0	0	0	0	51.2	48.8
2	0	0	37.6	3.1	27.7	31.6
3	0.8	59.4	31.5	2.4	3.9	2.0
4	0	0.2	15.1	6.2	39.5	39.0
5	0.6	63.0	35.9	0	0.2	0.3