

Electronic Supporting Information (ESI)

Copper Sulfide (CuS) nanocrystals doping Aluminum (Al) enhance their solar spectral selectivity

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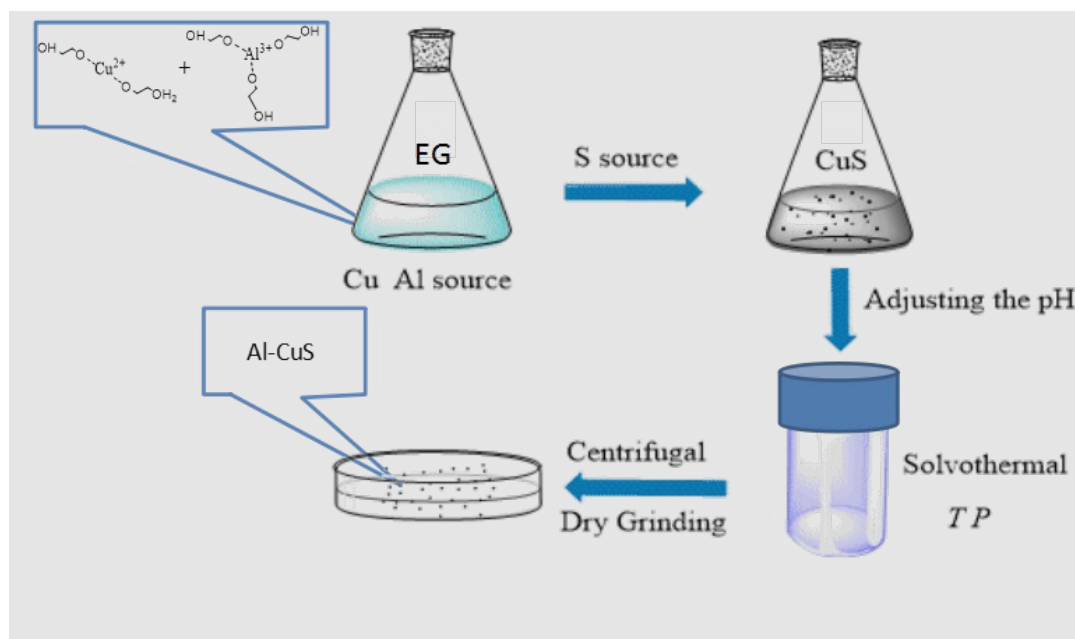
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Scheme S1. Preparation of Al-CuS nanocrystals.

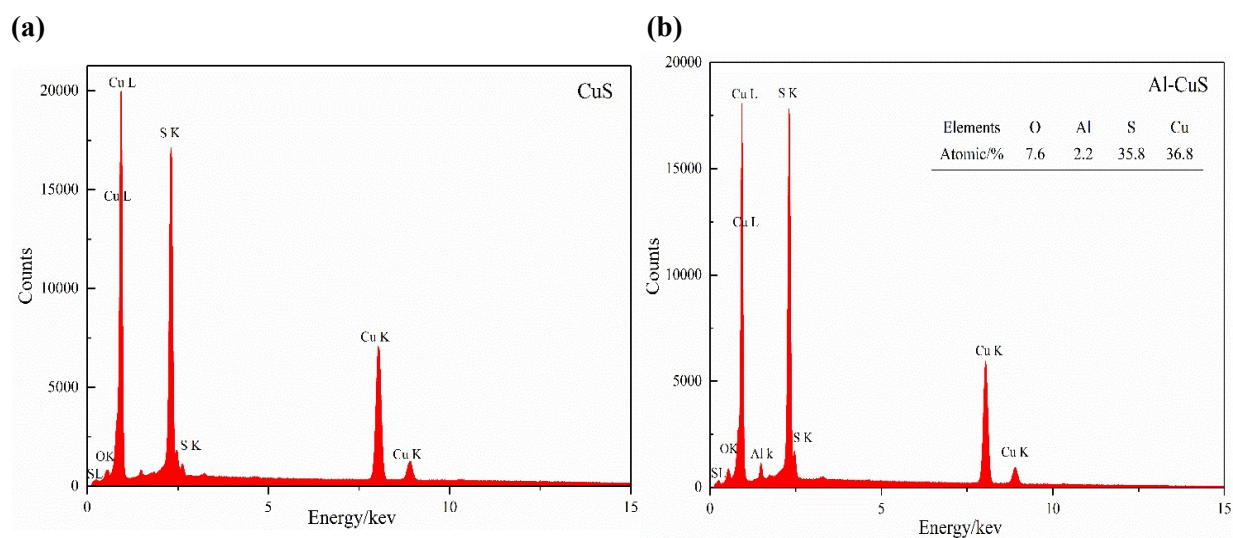


Figure S1 EDS spectra of (a) CuS and (b) Al-CuS, molar ratio of Al: Cu is 6: 10.

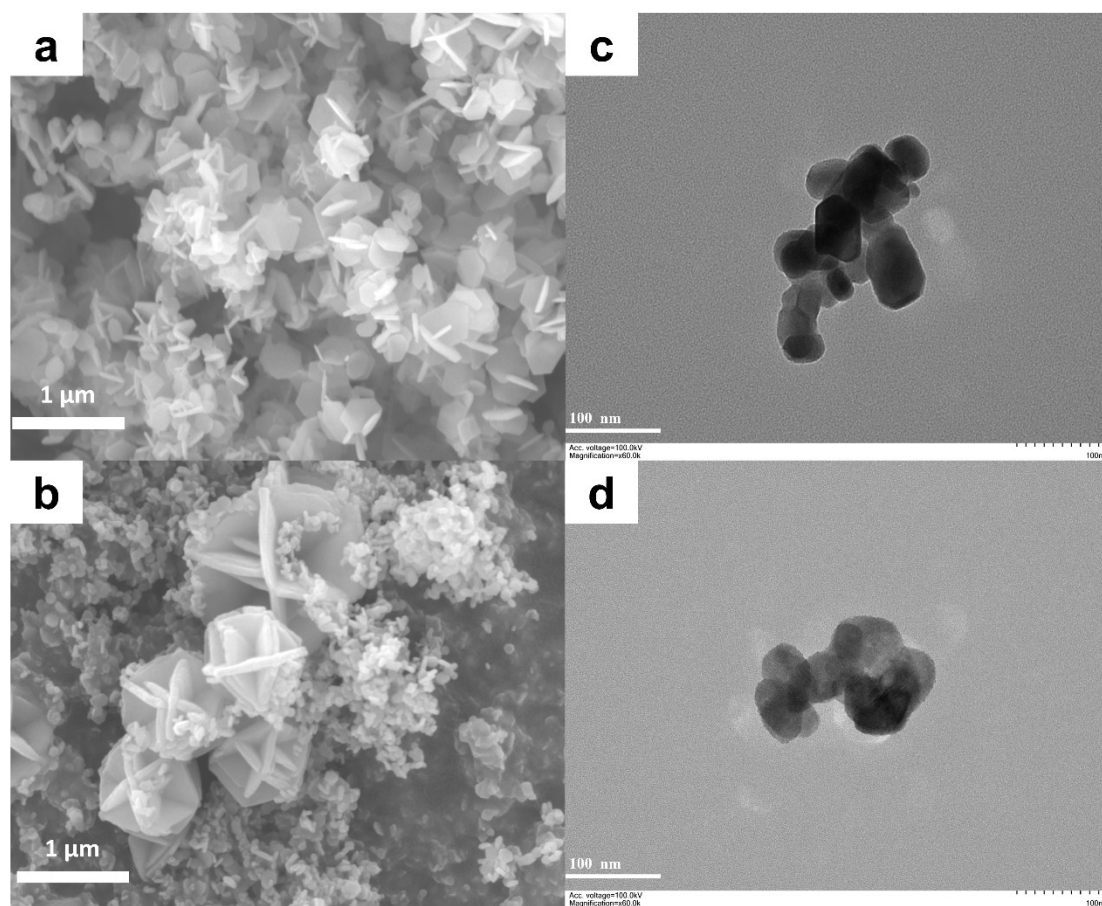


Figure S2. SEM image (a) and TEM image (c) of CuS; SEM image (b) and TEM image (d) of Al-doped CuS nanocrystals.

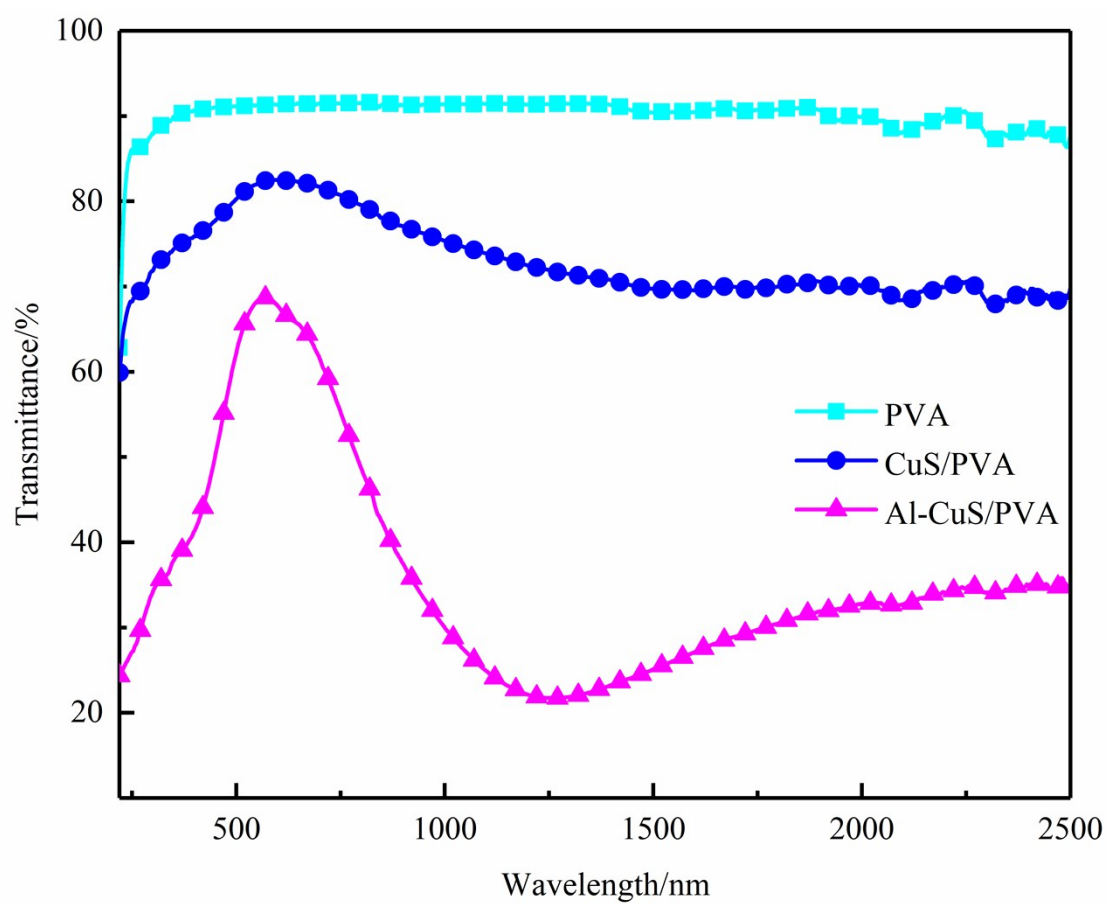


Figure S3. Uv-vis-NIR transmission spectra of PVA, CuS/PVA, Al-CuS /PVA film.