Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A.

Electronic Supporting information

Strongly coupled interface facilitating charge separation to the improved visible light driven hydrogen production on CdS@polydopamine/NiS photocatalyst

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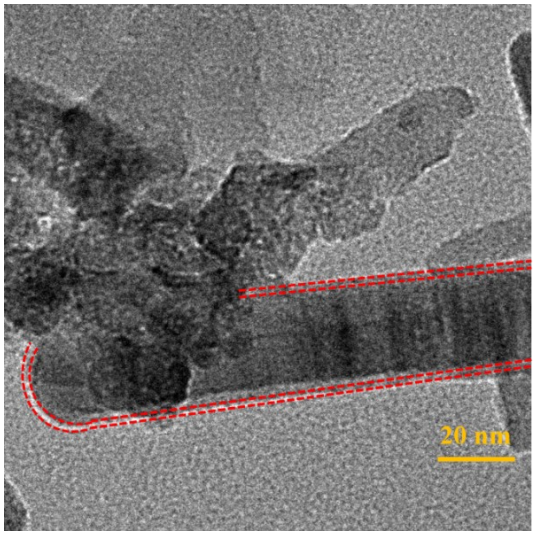

Fig. S1. TEM image of CdS@pDA.

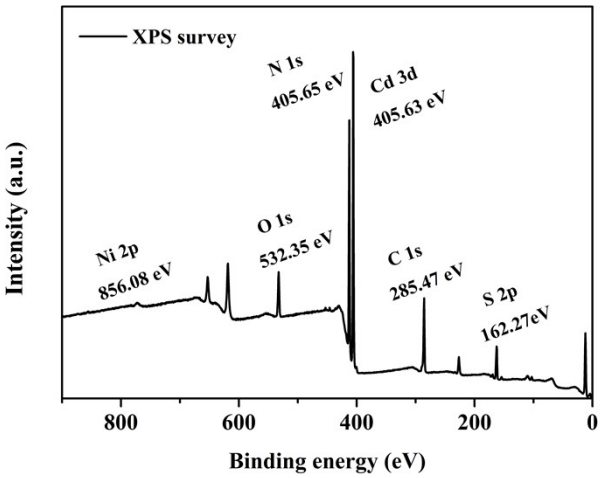

Fig. S2. XPS survey spectra of CdS@pDA/NiS.

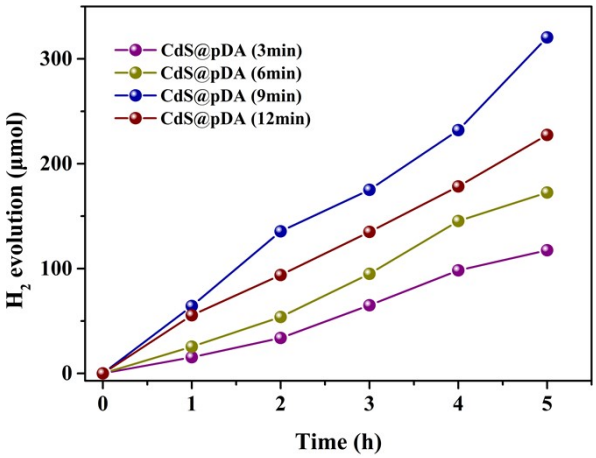

Fig. S3. Time courses of photocatalytic H_2 evolution over CdS@pDA with different polymerization time.

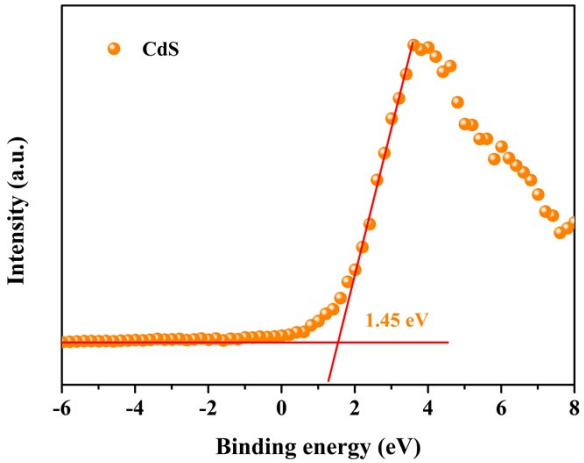

Fig. S4. The XPS-VB of CdS.

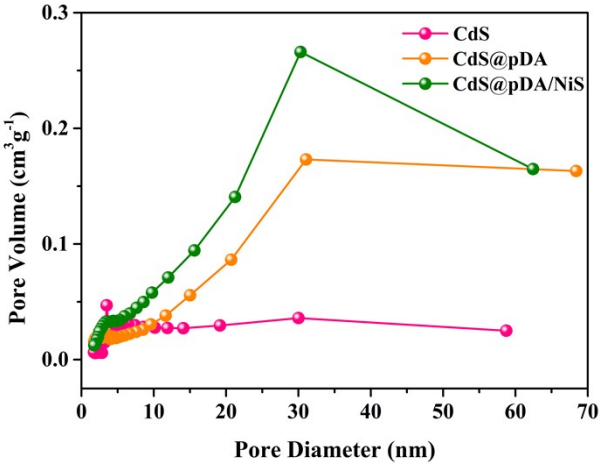

Fig. S5. BJH pore diameter distribution over CdS, CdS@pDA and CdS@pDA/NiS.