

High quality Graphene Oxide-CdS-Pt nanocomposites for efficient photocatalytic hydrogen evolution

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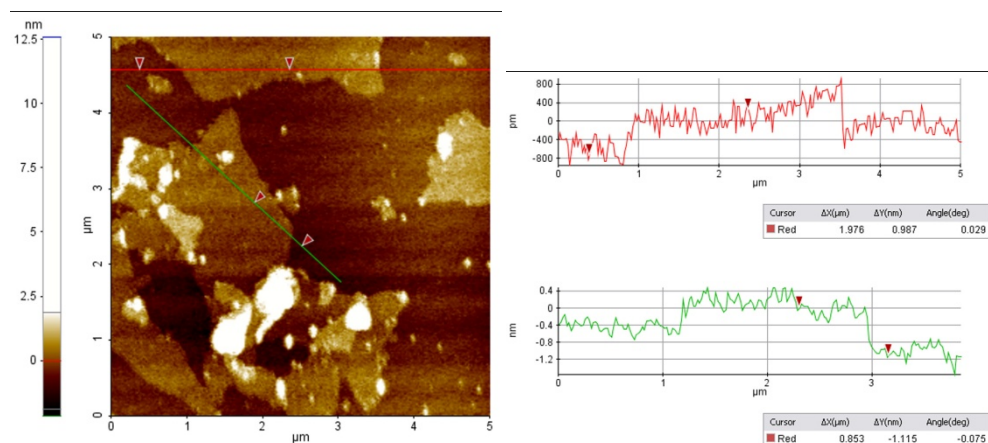


Figure S1. AFM image of GO sheet with two line scan indicating the average thickness of single layer GO is ca. 1 nm.

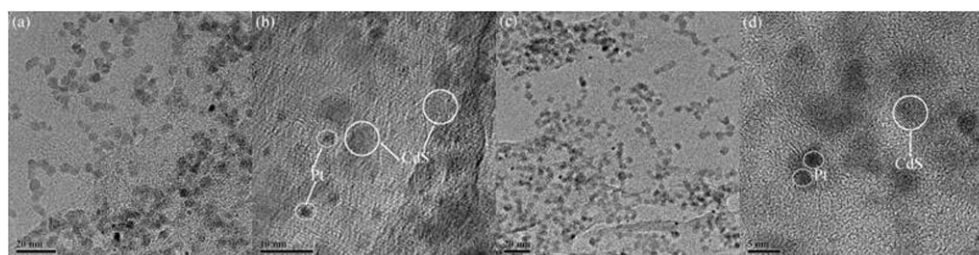


Figure S2. TEM and HRTEM images of GCP-1 (a-b) and GCP-2 (c-d).

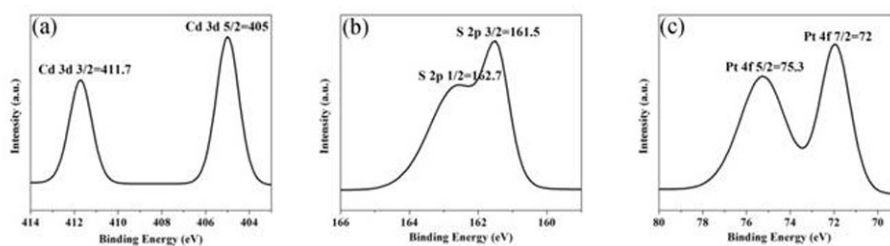


Figure S3. High-resolution XPS spectra of Cd 3d (a), S 2p (b) and Pt 4f (c) from GCP-3, respectively.

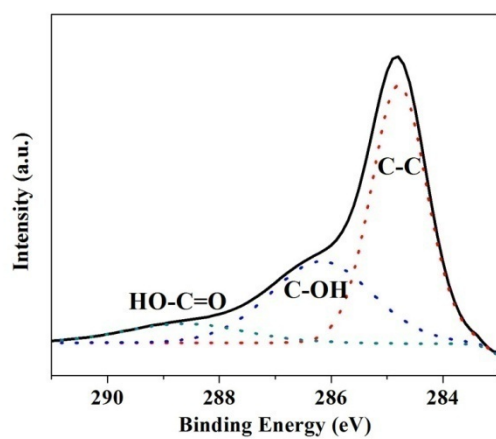


Figure S4. High-resolution XPS spectrum of C 1s from GCP-3 after hydrogen evolution process.