

CdS nanodroplets over silica micro balls for efficient room temperature LPG detection

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Supplementary Material

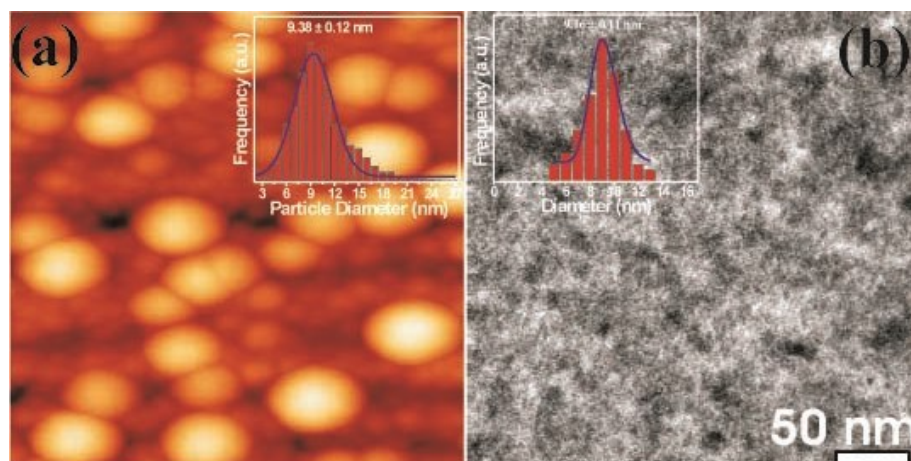


Fig. S1 (a) AFM micrograph at a 0.5 mm*0.5 mm scale and (b) TEM image of nc-CdS film (Insets: corresponding particle size distribution histograms).

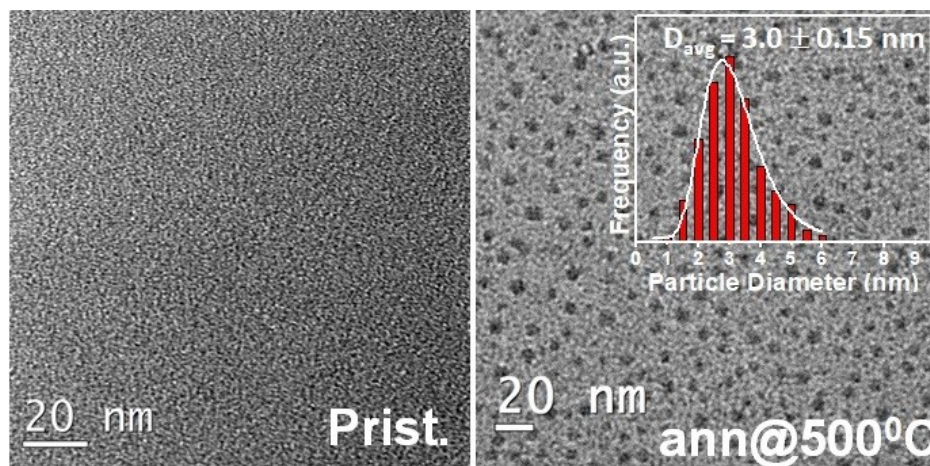


Fig. S2. TEM images of CdS:SiO₂ nanocomposite thin films.

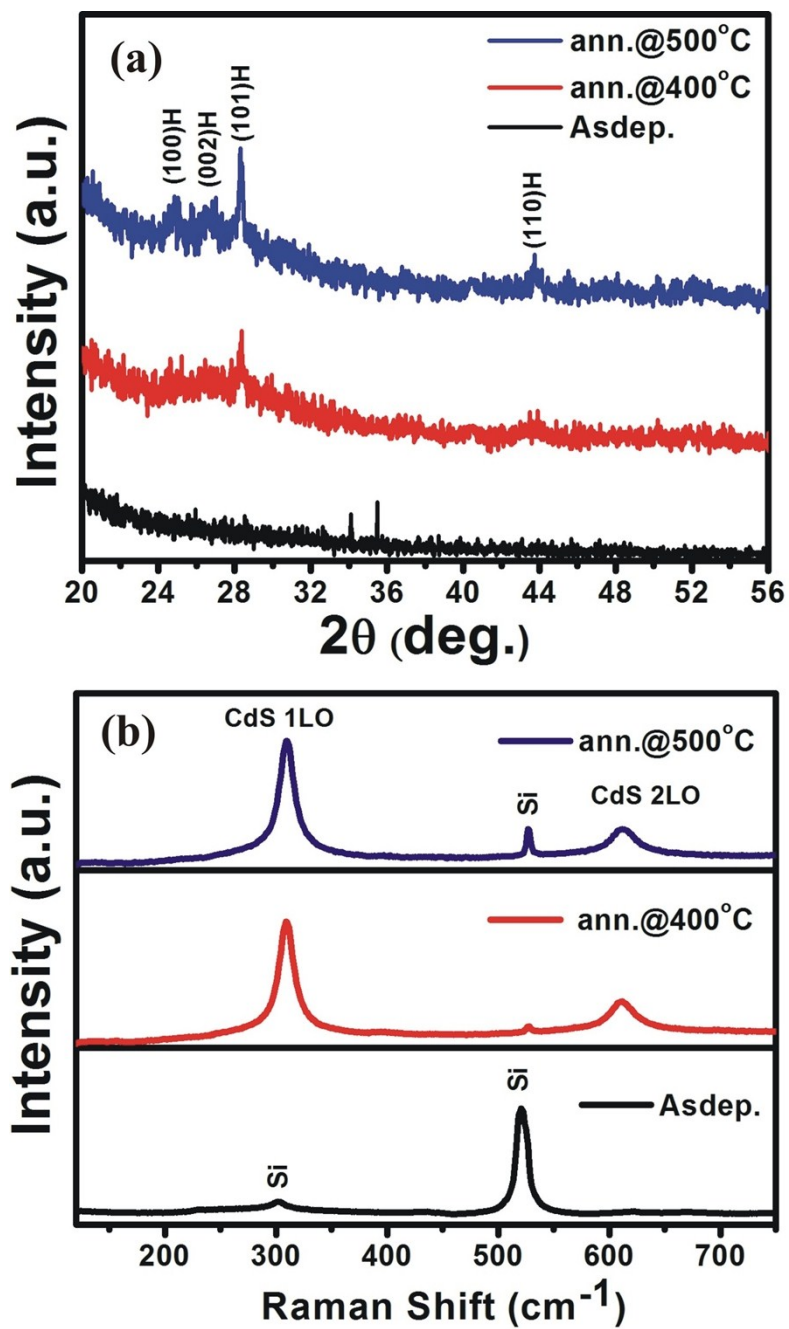


Fig. S3. (a) GAXRD and (b) micro Raman spectra of pristine and annealed CdS:SiO₂ nanocomposite thin films.

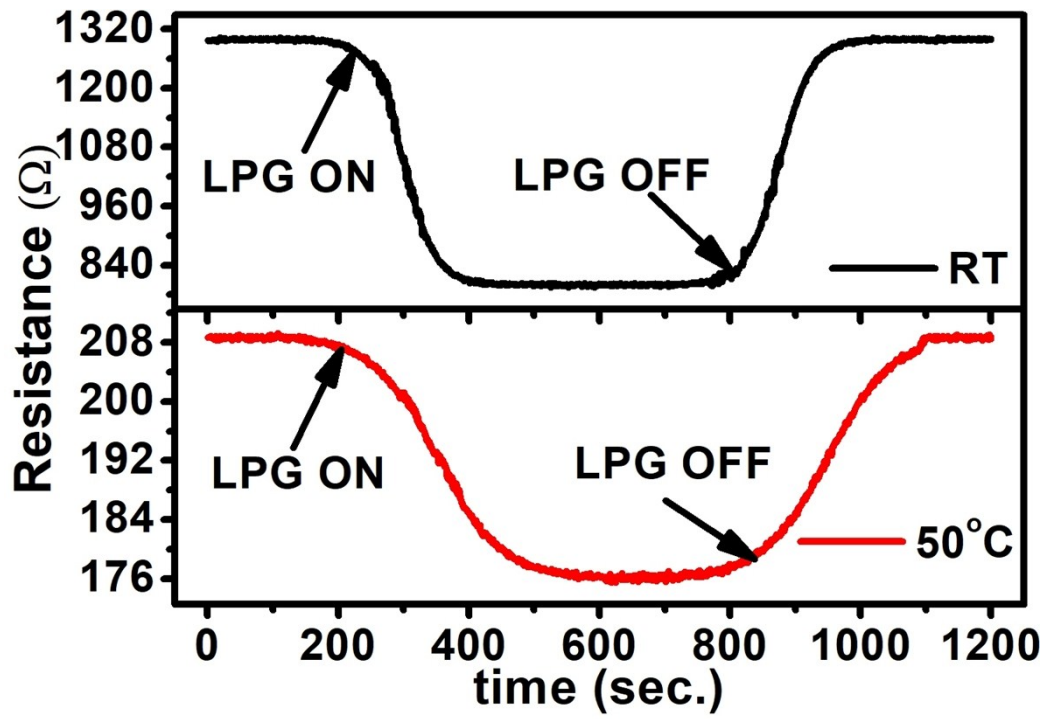


Fig. S4. Dynamic study of nc-CdS thin film.