

Electronic Supplementary Information:

Photocatalytic Hydrogen Generation over CdS/Metalosilicate Composites under Visible Light Irradiation

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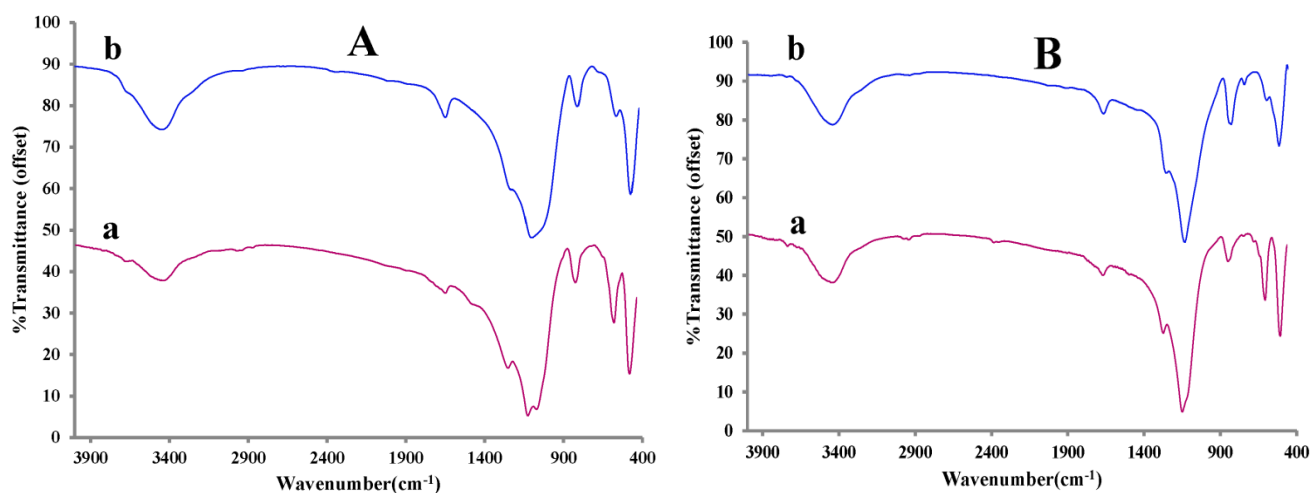


Fig.1S. FTIR spectra of (A) CdS(I)/F1 catalyst (a) before and (b) after the hydrogen production process; (B) the CdS(I)/Z1 catalyst (a) before and (b) after the hydrogen production process.

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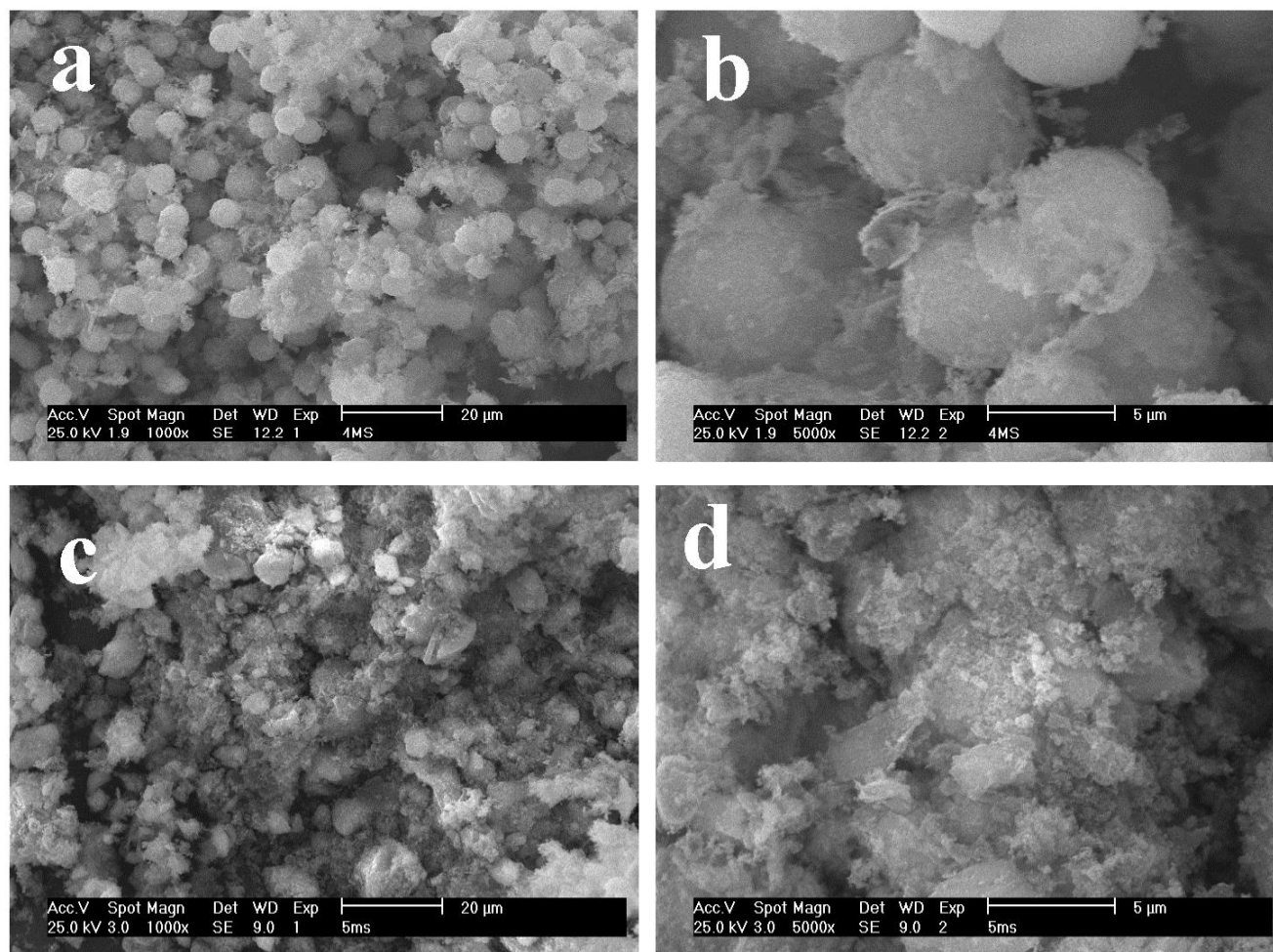


Fig.2S. SEM images of (A) CdS(I)/F1 catalyst (a) and (b); (B) CdS(I)/Z1 catalyst (c) and (d).

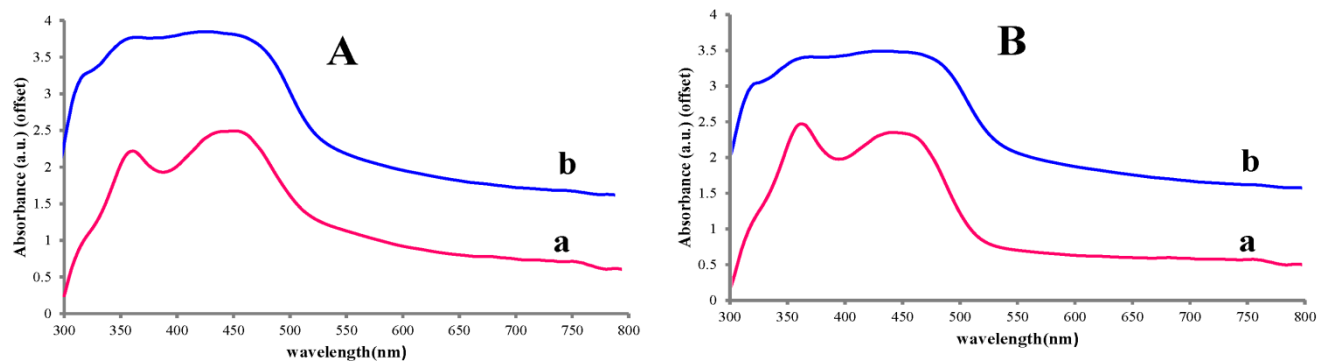


Fig.3S. UV-vis diffuse reflectance spectra of (A) CdS(I)/F1 catalyst (a) before and (b) after the hydrogen production process; (B) CdS(I)/Z1 catalyst (a) before and (b) after the hydrogen production process.