Title: Ultrathin MoS_2 Layers Anchored Exfoliated Reduced Graphene Oxide Nanosheet Hybrid as a Highly Efficient Cocatalyst for CdS Nanorods Towards Enhanced Photocatalytic Hydrogen Production

Authors: D. Praveen Kumar, Sangyeob Hong, D. Amaranatha Reddy, Tae Kyu Kim

PII: S0926-3373(17)30379-X
DOI: http://dx.doi.org/doi:10.1016/j.apcatb.2017.04.065
Reference: APCATB 15629

To appear in: *Applied Catalysis B: Environmental*

Received date: 26-12-2016
Revised date: 18-4-2017
Accepted date: 24-4-2017

Please cite this article as: D.Praveen Kumar, Sangyeob Hong, D.Amaranatha Reddy, Tae Kyu Kim, Ultrathin MoS2 Layers Anchored Exfoliated Reduced Graphene Oxide Nanosheet Hybrid as a Highly Efficient Cocatalyst for CdS Nanorods Towards Enhanced Photocatalytic Hydrogen Production, Applied Catalysis B, Environmentalhttp://dx.doi.org/10.1016/j.apcatb.2017.04.065

Ultrathin MoS_2 Layers Anchored Exfoliated Reduced Graphene Oxide Nanosheet Hybrid as a Highly Efficient Cocatalyst for CdS Nanorods Towards Enhanced Photocatalytic Hydrogen Production

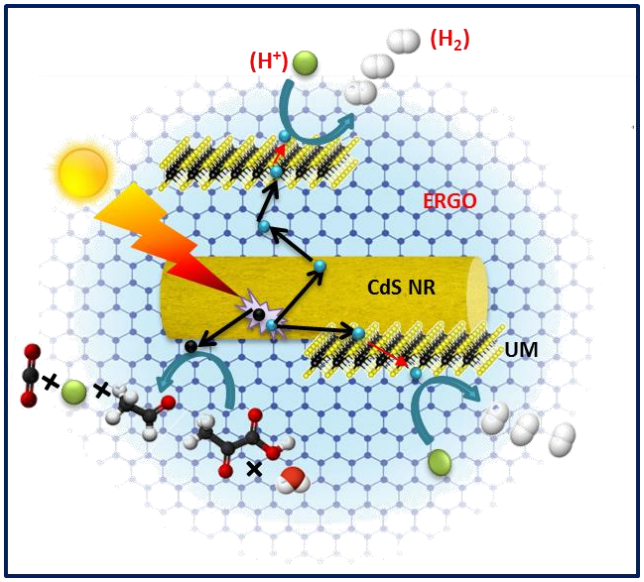
D. Praveen Kumar, Sangyeob Hong, D. Amaranatha Reddy and Tae Kyu Kim*

Department of Chemistry and Chemical Institute for Functional Materials,

Pusan National University, Busan 46241, Republic of Korea,

Graphical Abstract

Ultrathin MoS_2 layers anchored exfoliated reduced graphene oxide nanosheet hybrid as a highly efficient cocatalyst for CdS nanorods towards enhanced photocatalytic hydrogen production by D. P. Kumar et al. [Manuscript ID: APCATB-D-16-03697R1]



Highlights

- Ultrathin MoS_2 layers anchored exfoliated reduced graphene oxide nanosheet hybrid as a highly efficient cocatalyst for CdS nanorods towards enhanced photocatalytic hydrogen production by D. P. Kumar et al. [Manuscript ID: APCATB-D-16-03697R1]