

Support information:

Photocatalytic H₂ Evolution on MoS₂/TiO₂ catalysts synthesized via mechanochemistry

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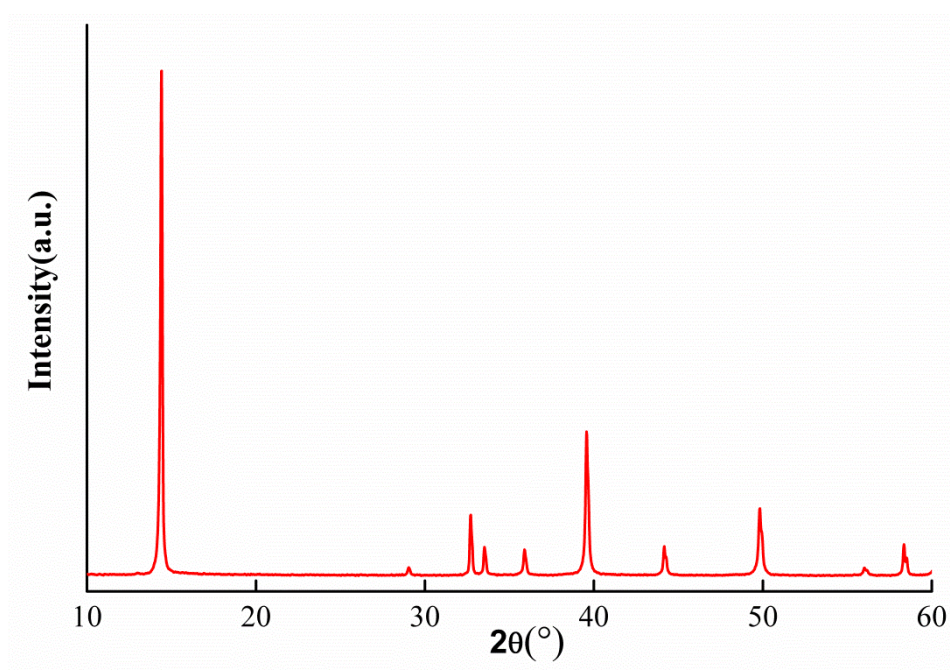


Fig.S1 XRD spectrum of MoS₂

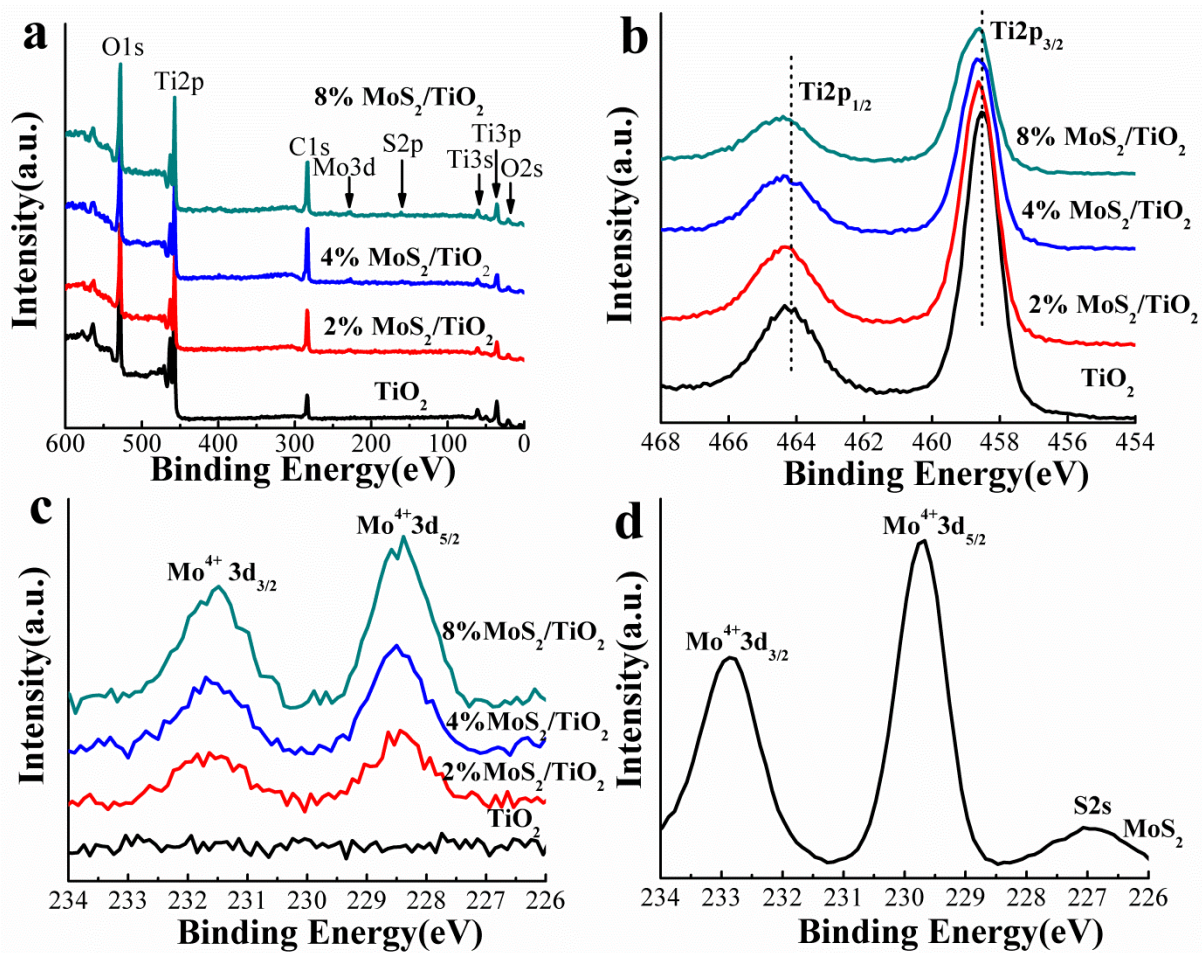


Fig.S2 Full XPS spectrum of TiO₂ and MoS₂/TiO₂(a); XPS spectra of Ti 2P (b) and Mo 3d (c) in TiO₂ and MoS₂/TiO₂; XPS spectra of Mo 3d in pure MoS₂(d)

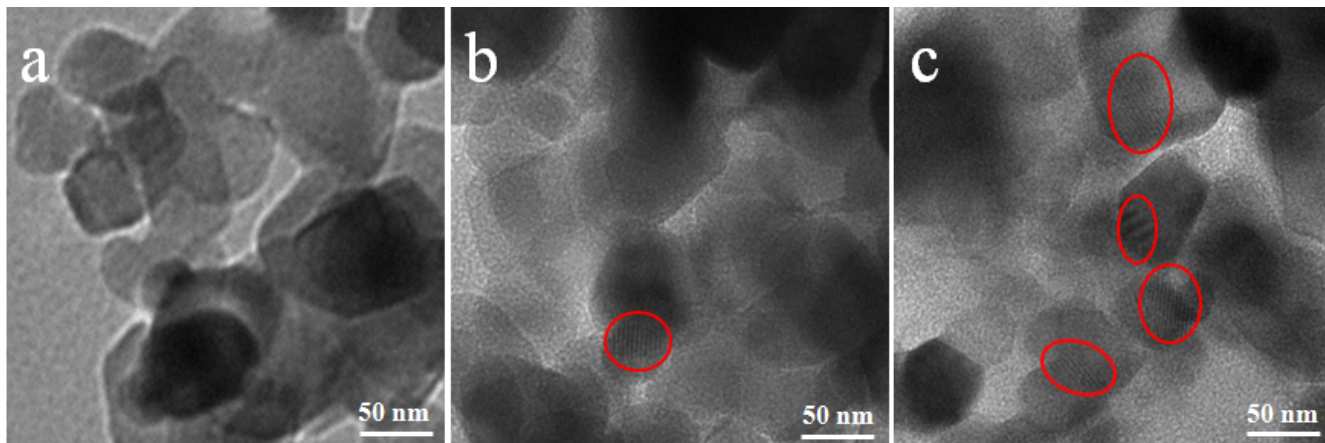


Fig.S3 The TEM images of TiO₂ (a), 2.0% (b) and 4.0% (c) MoS₂/TiO₂ photocatalysts (the particle in red circle was MoS₂)