†Electronic Supplementary Information

Ultrathin HNb_3O_8 nanosheet: An efficient photocatalyst for the hydrogen production

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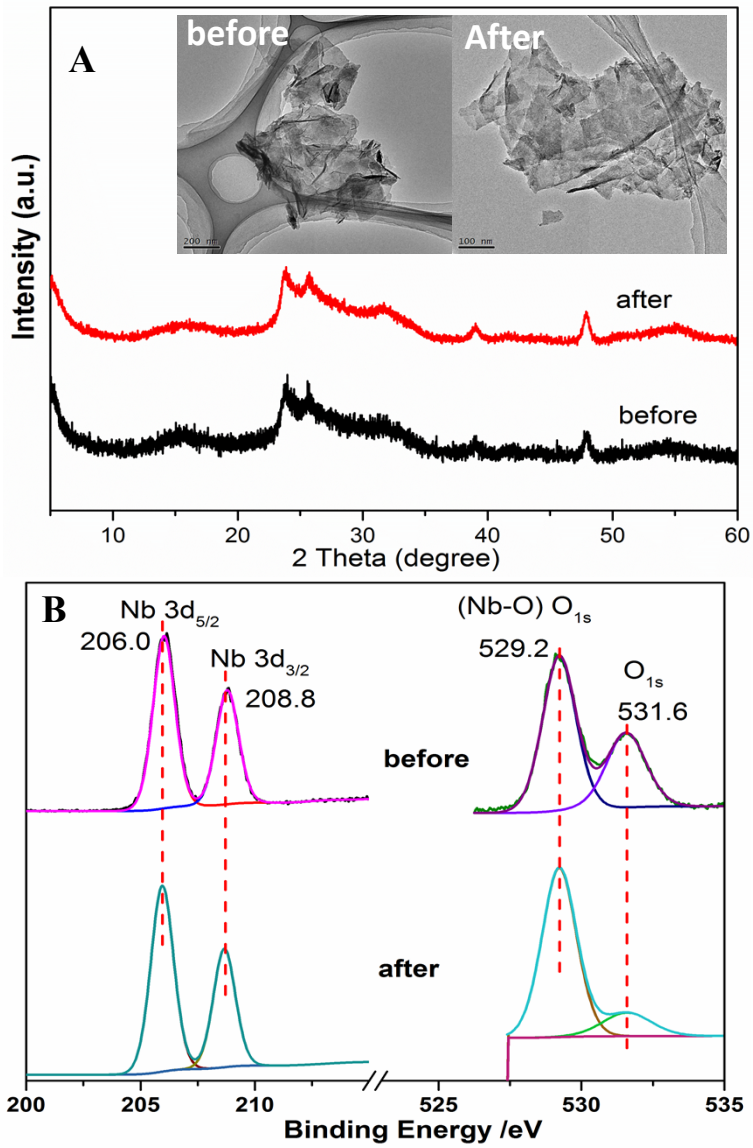

Fig. S1A and B were the XRD patterns and the XPS spectra for the HNb_3O_8 nanosheet before and after the photocatalysis, respectively. The insets in A are the corresponding TEM images of the HNb_3O_8 nanosheet before and after the photocatalysis.

As shown in Fig. S1, the XRD patterns, morphology and the XPS spectra of the HNb_3O_8 nanosheet showed no distinct variation before and after the photocatalytic reaction. Hence, it can be deduced that the photocatalyst has an excellent stability.