

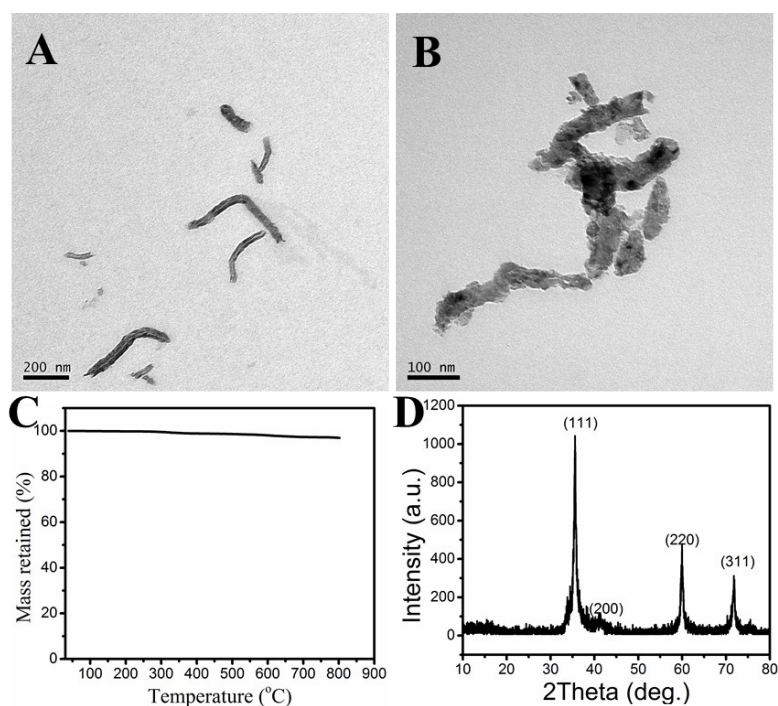
## Supporting Information for:

### In situ growth of carbon nanotubes/SiC nanowires 1D-1D heterostructures with enhanced photocatalytic H<sub>2</sub>-evolution activities under visible light irradiation

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**Fig. S1.** TEM (A) of acid-treated CNTs; and TEM (B) images, TGA (C) and XRD pattern of the R-SiC.