Supporting information

Largely Enhanced Photocatalytic Hydrogen Production for CdS/(Au-ReS$_2$) Nanospheres by the Dielectric-Plasmon Hybrid Antenna Effect

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Figure S1. TEM images of ReS$_2$ nanospheres with an average diameter of 114 ± 11 nm (a) and 218 ± 25 nm (b).
Figure S2. (a) Time evolution for photocatalytic generation of the H\(_2\) evolution amount versus irradiation time for CdS/(Au-ReS\(_2\)) complex with \(D = 114 \pm 11\) nm and \(D = 218 \pm 25\) nm. (b) Comparison of the H\(_2\) evolution activities of CdS/(Au-ReS\(_2\)) complex with \(D = 114 \pm 11\) nm and \(D = 218 \pm 25\) nm.