

Supporting Information

The dispersion of TiO₂ modified by the accumulation of CO₂ molecules in water: An effective medium for photocatalytic H₂ production

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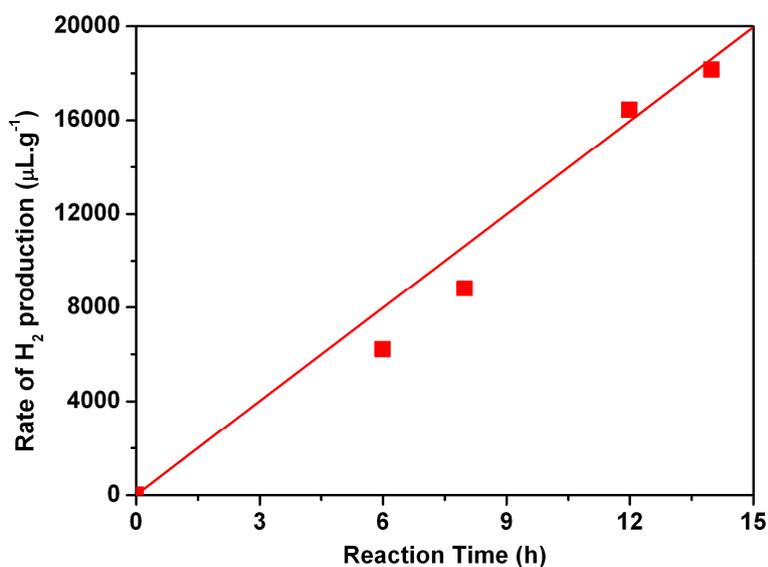


Figure S1. Time profile for the photocatalytic H₂ production from water in the presence of both SDS and dense phase CO₂. Reaction conditions: TiO₂ 100 mg, H₂O 20 cm³, CO₂ 3 MPa, SDS 20.25 mM, 323 K. The H₂ production occurs at a constant rate during the reaction for 14 h, indicating that the TiO₂ photocatalyst is durable.