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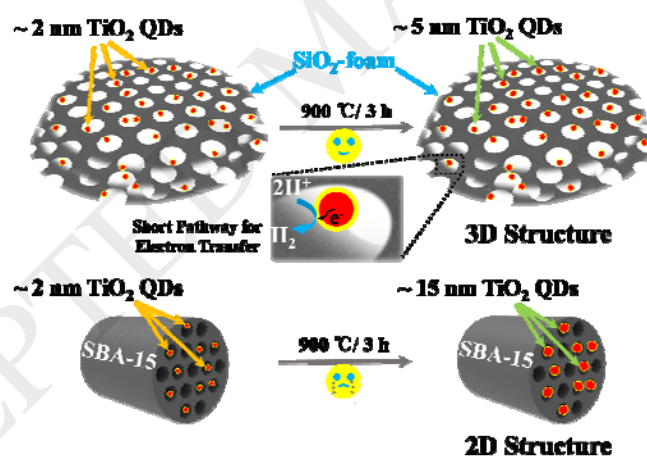
Thermally stable TiO₂ quantum dots embedded in SiO₂ foams: characterization and photocatalytic H₂ evolution activity

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Graphical abstract



Highly dispersed and thermally stable TiO₂ quantum dots were anchored in the pore channels of SiO₂ foams for both inhibiting the aggregation of TiO₂-QDs and improving the phase transformation temperature from anatase to rutile, achieving a high photocatalytic activity for H₂ evolution.

Research highlights

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