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TiO<sub>2</sub>-based materials for photocatalytic hydrogen production

Gian Luca Chiarello , Maria Vittoria Dozzi , Elena Selli

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**Highlights**

- Photocatalytic hydrogen production from water splitting and methanol reforming
- Tests with powder photocatalysts in suspension and with photoelectrodes in devices
- Effects of the synthesis methods, of TiO<sub>2</sub> phase composition and metal co-catalysts

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