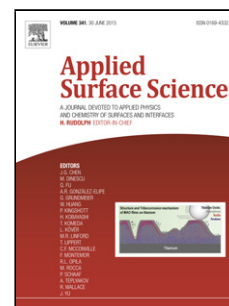


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Copper and Platinum Doped Titania for Photocatalytic Reduction of Carbon Dioxide

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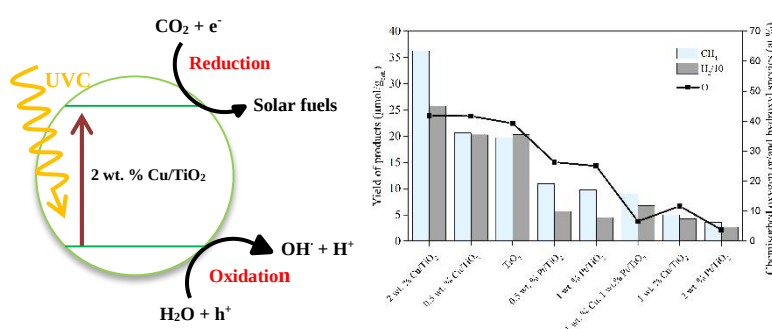
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Graphical abstract



Highlights

- Pt/TiO₂ and Cu/TiO₂ powder photocatalysts with the various metal amount
- The photocatalytic reduction of CO₂ under 254 nm light irradiation
- Chemisorbed oxygen or/and hydroxyl species play an important role
- All amorphous photocatalysts proved significant anodic photocurrent

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