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# Synthesis and characterization of ZnO nanorice decorated TiO<sub>2</sub> nanotubes for enhanced photocatalytic activity

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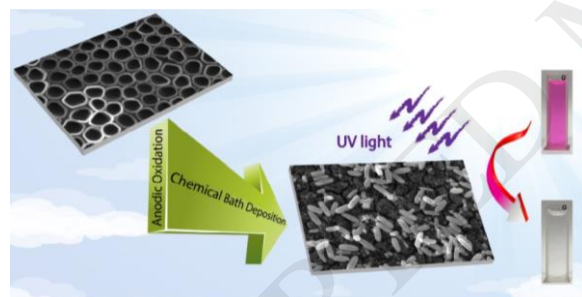
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Graphical abstract



## Highlights

- Rice-shaped ZnO nanoparticle was firstly synthesized by chemical bath deposition.
- Highly oriented TiO<sub>2</sub> nanotubes were synthesized via anodic oxidation method.
- ZnO nanorice were decorated on to TNTs by chemical bath deposition.
- Photocatalytic performance was significantly improved by synergetic effect.

Abstract

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