

***In-situ* growth of Ag/Ag<sub>2</sub>O nanoparticles on g-C<sub>3</sub>N<sub>4</sub> by a natural carbon  
nanodots-assisted green method for synergistic photocatalytic activity**

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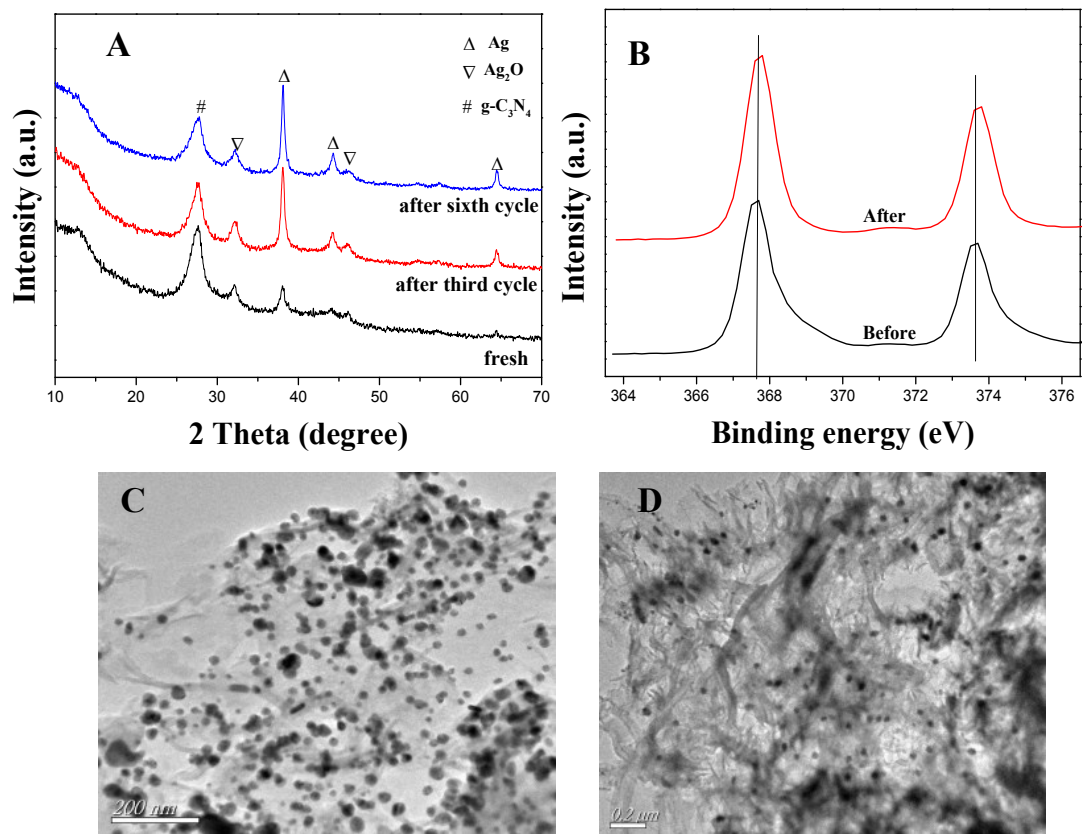
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**Fig. S1** XRD (A), XPS (B, Ag 3d) and TEM images (C-before reaction, D-after sixth reaction) of Ag/Ag<sub>2</sub>O@g-C<sub>3</sub>N<sub>4</sub> ternary composite.