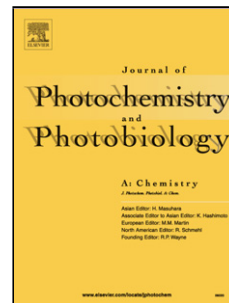


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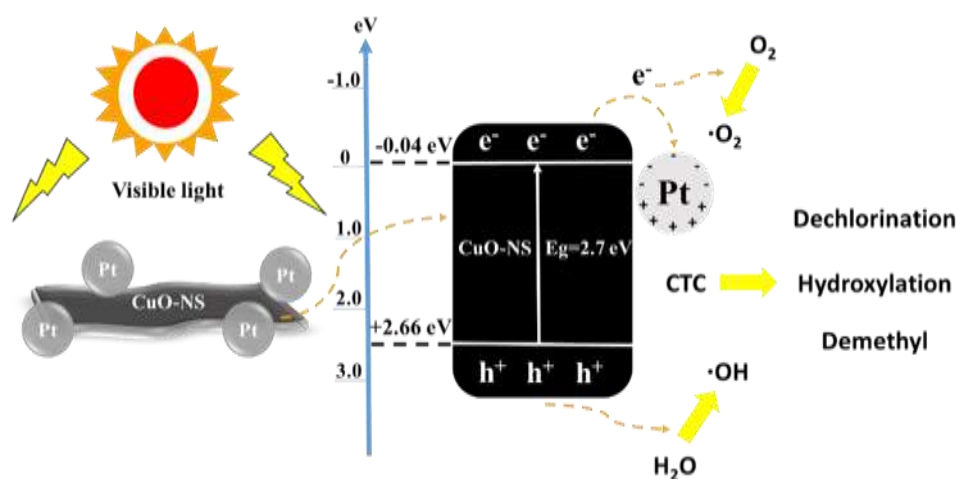
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Graphical Abstract



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Highlights

- CuO nanosheet-like structure was fabricated via C_3N_4 templating method.
- CuO nanosheet-like structure exhibits visible-light photoactivity.
- CuO-based catalyst can catalyze the degradation of chlortetracycline in visible-light irradiation.

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