

***In-situ* Replacement of Cu-DEN: An Approach for Preparing A More Noble Metal Nanocatalyst for Catalytic Use.**

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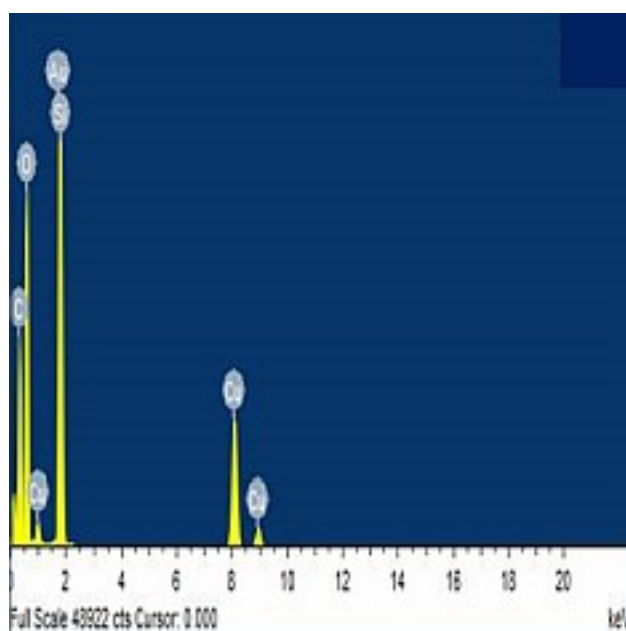


Fig. S1. EDX profile obtained for Au_n@SiO₂.

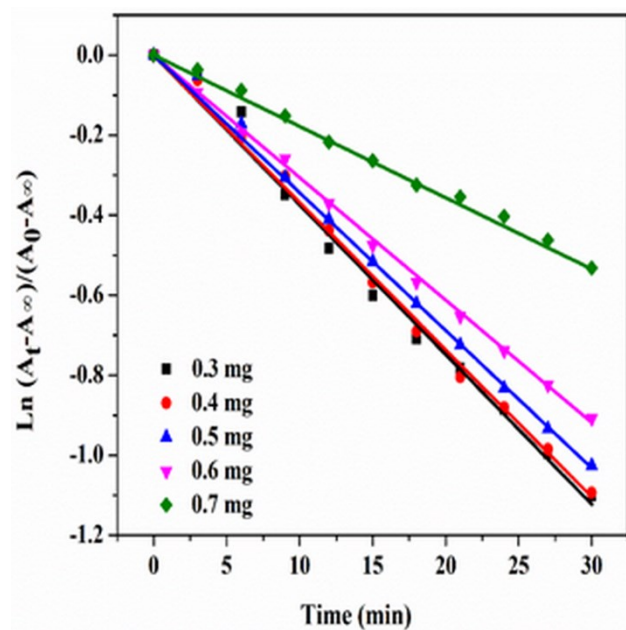


Fig. S2. Linear data fit revealing pseudo-first order kinetics of oxidation of RhB with $\text{Au}_n\text{@SiO}_2$.

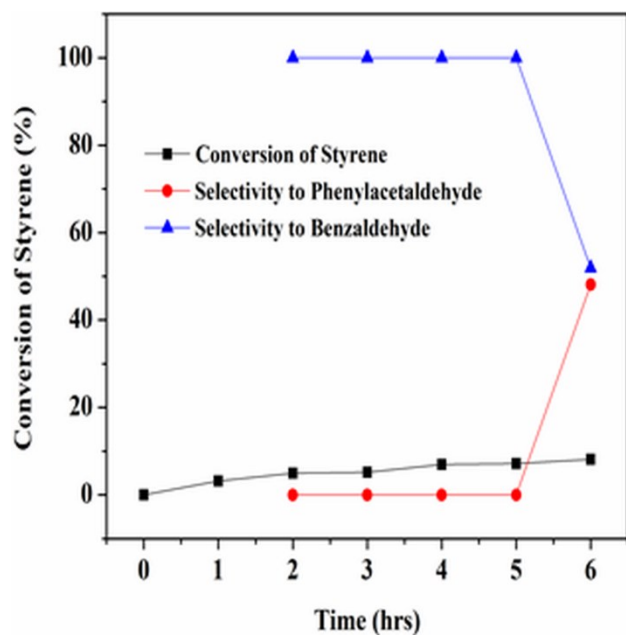


Fig. S3. The plot of the effect of the oxidant (TBHP).