

**Dual-Functional Silver Nanoparticles Supported on ZnO Nanoparticles Catalyst from Plant
Extract: High-TOF Hydrogen Generation and Fast Photocatalytic Tetracycline Removal**

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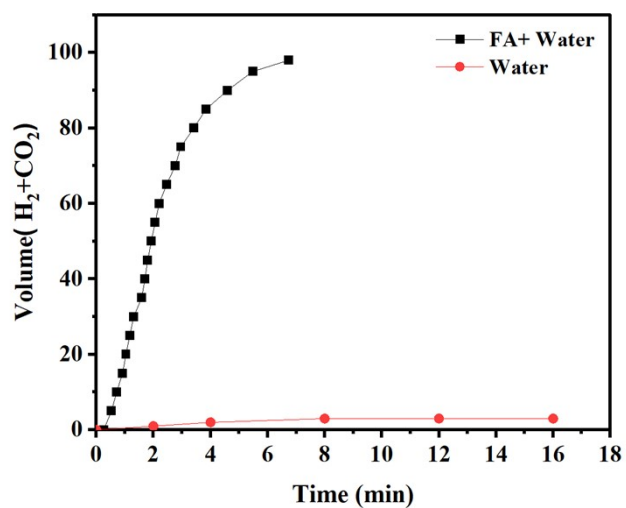


Fig. S1. The plot of Volume of gases evolved (CO₂ + H₂) vs time

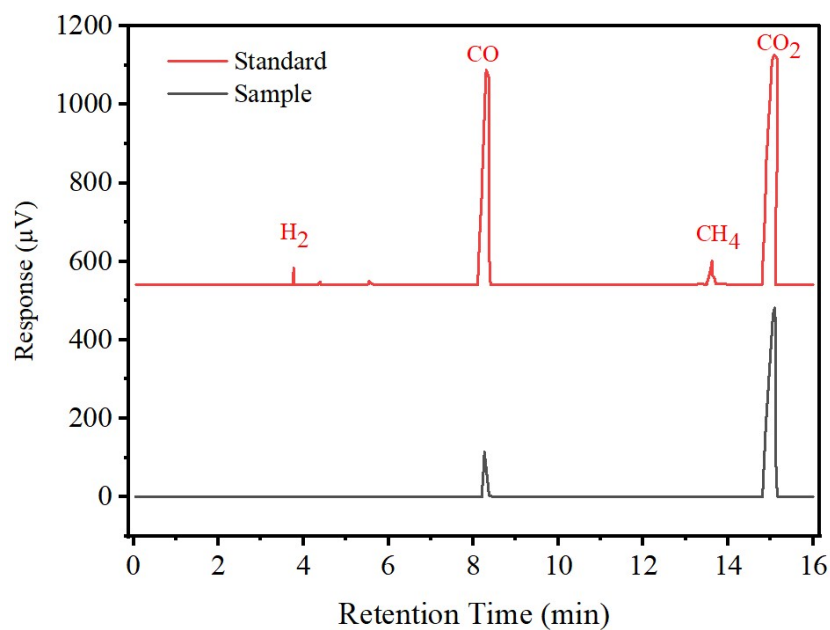


Fig. S2. GCTD analysis of evolved gases

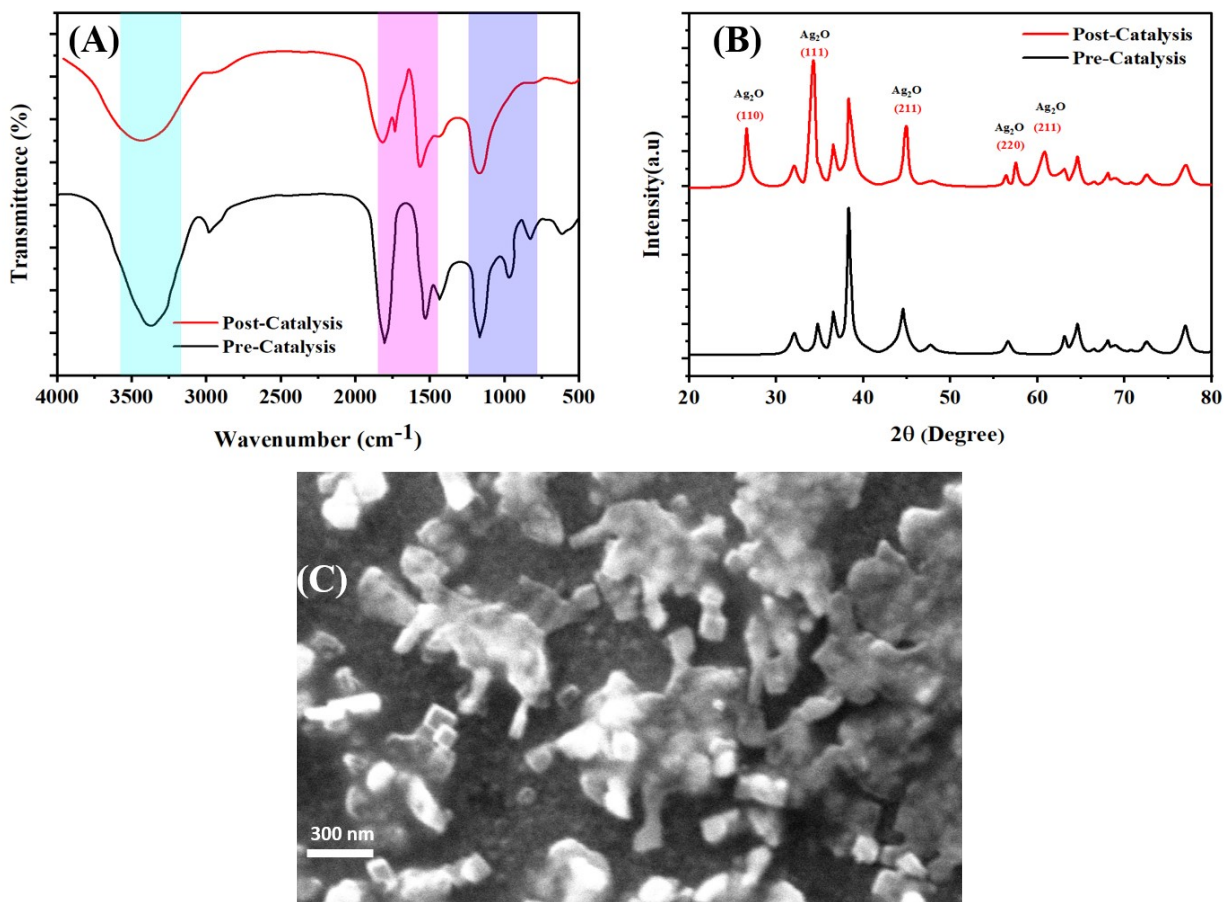


Fig. S3. Post HER (A) FTIR, (B) XRD, and (C) SEM image of the catalyst

The data supporting this article (UV-Vis, XRD, FTIR, and TGA) can be accessed through the link [10.6084/m9.figshare.31869334](https://doi.org/10.6084/m9.figshare.31869334).