

## Fabrication of Ag/Ag<sub>2</sub>MoO<sub>4</sub> plasmonic photocatalyst with enhanced photocatalytic performance for degradation of ciprofloxacin

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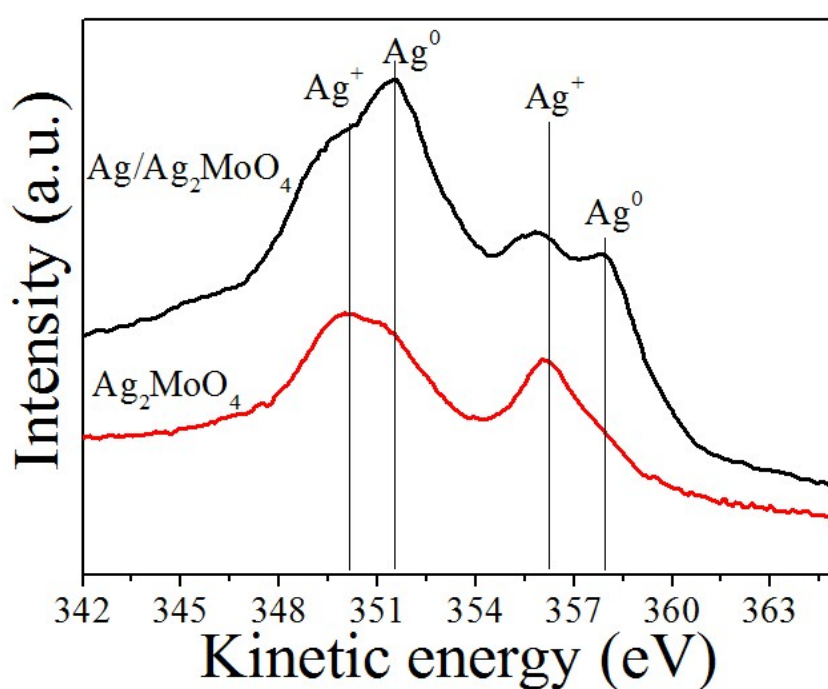


Figure S1. MNN Auger electron spectra of Ag<sub>2</sub>MoO<sub>4</sub> and Ag/Ag<sub>2</sub>MoO<sub>4</sub> samples

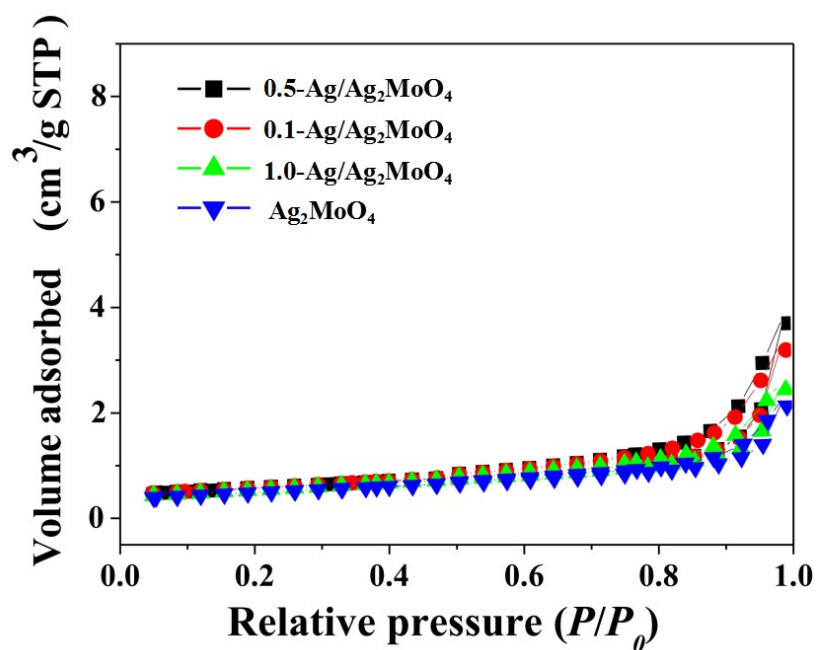


Figure S2. N<sub>2</sub> adsorption-desorption isotherms of Ag<sub>2</sub>MoO<sub>4</sub>, 0.1-Ag/Ag<sub>2</sub>MoO<sub>4</sub>, 0.5-Ag/Ag<sub>2</sub>MoO<sub>4</sub> and 1.0-Ag/Ag<sub>2</sub>MoO<sub>4</sub> samples.

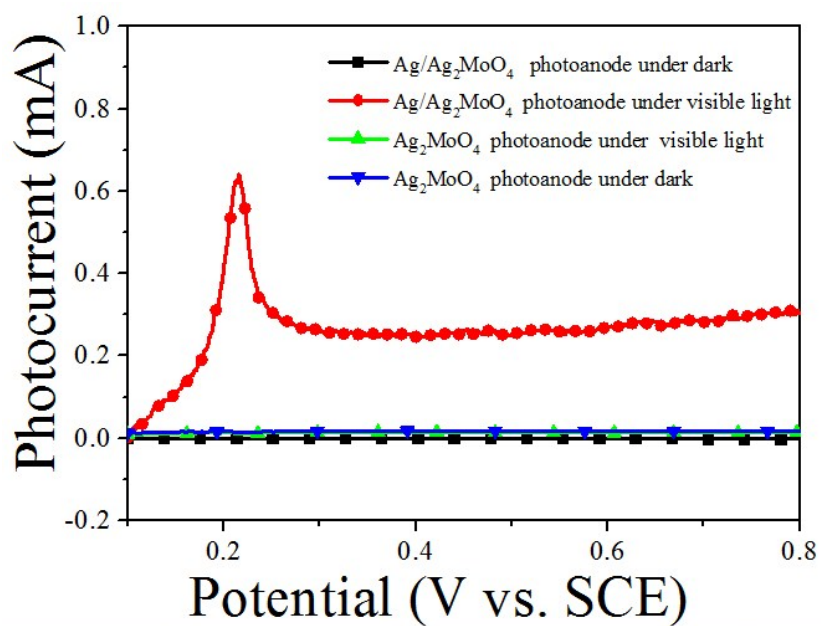


Figure S3. The photocurrent changes at the Ag<sub>2</sub>MoO<sub>4</sub> and Ag/Ag<sub>2</sub>MoO<sub>4</sub> photoanodes in N<sub>2</sub>-saturated 0.1 M Na<sub>2</sub>SO<sub>4</sub> aqueous solutions under the specified conditions.

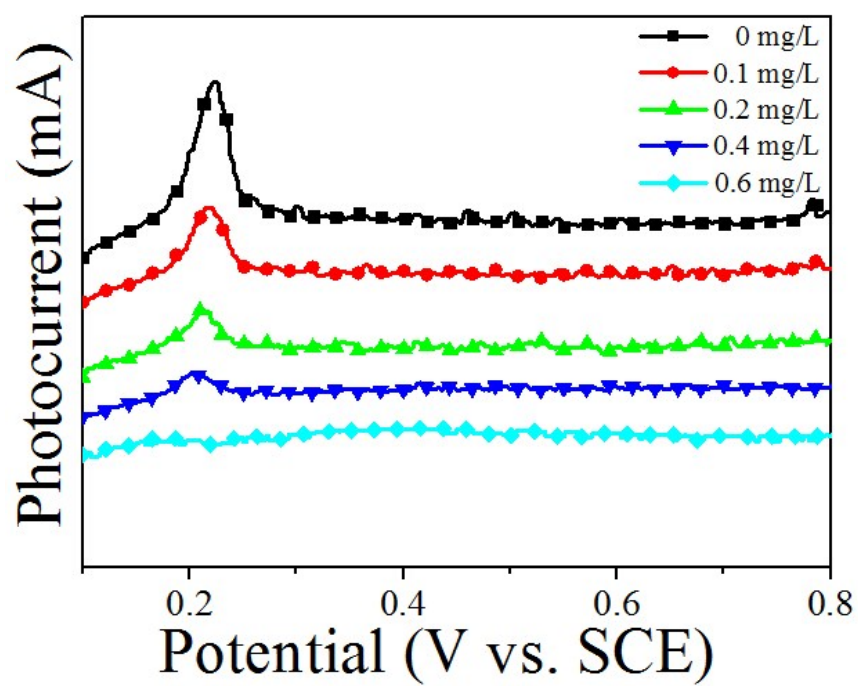


Figure S4. The photocurrent change at the Ag/Ag<sub>2</sub>MoO<sub>4</sub> photoanode with addition of CIP in N<sub>2</sub>-saturated 0.1 M Na<sub>2</sub>SO<sub>4</sub> solution.