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## 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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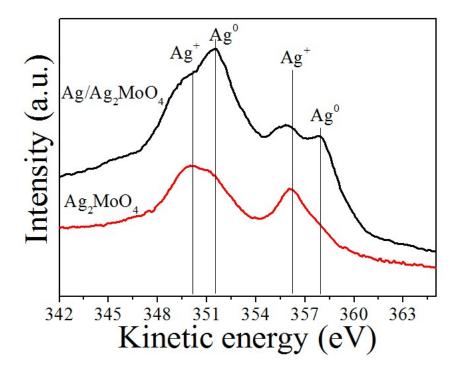


Figure S1. MNN Auger electron spectra of Ag<sub>2</sub>MoO<sub>4</sub> and Ag/Ag<sub>2</sub>MoO<sub>4</sub> samples

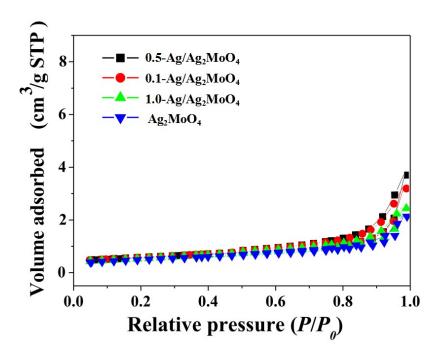


Figure S2.  $N_2$  adsorption-desorption isotherms of  $Ag_2MoO_4$ , 0.1- $Ag/Ag_2MoO_4$ , 0.5- $Ag/Ag_2MoO_4$  and 1.0- $Ag/Ag_2MoO_4$  samples.

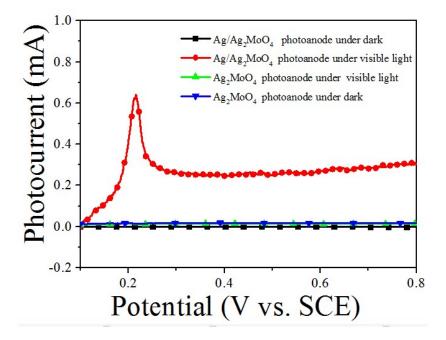


Figure S3. The photocurrent changes at the  $Ag_2MoO_4$  and  $Ag/Ag_2MoO_4$  photoanodes in  $N_2$ -saturated 0.1 M  $Na_2SO_4$  aqueous solutions under the specified conditions.

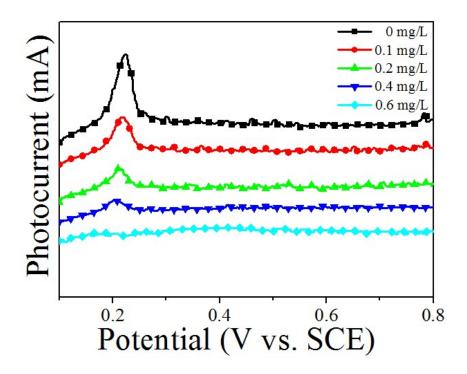


Figure S4. The photocurrent change at the  $Ag/Ag_2MoO_4$  photoanode with addition of CIP in  $N_2$ -saturated 0.1 M  $Na_2SO_4$  solution.