

Supporting Information

Fabrication of a novel ternary heterojunction composite $\text{Ag}_2\text{MoO}_4/\text{Ag}_2\text{S}/\text{MoS}_2$ with significantly enhanced photocatalytic performance

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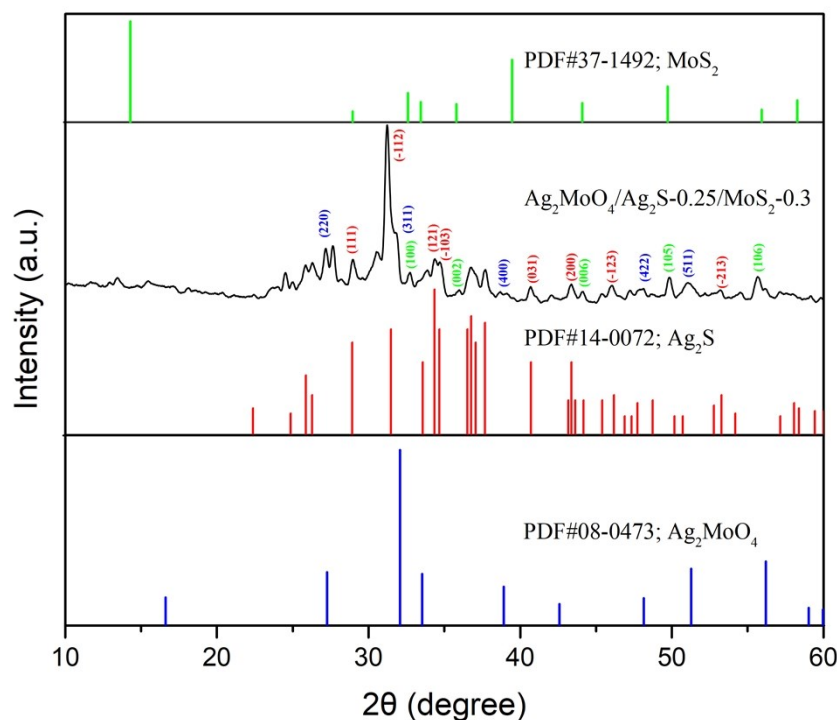


Figure S1. XRD patterns of $\text{Ag}_2\text{MoO}_4/\text{Ag}_2\text{S}-25\%/\text{MoS}_2-30\%$.

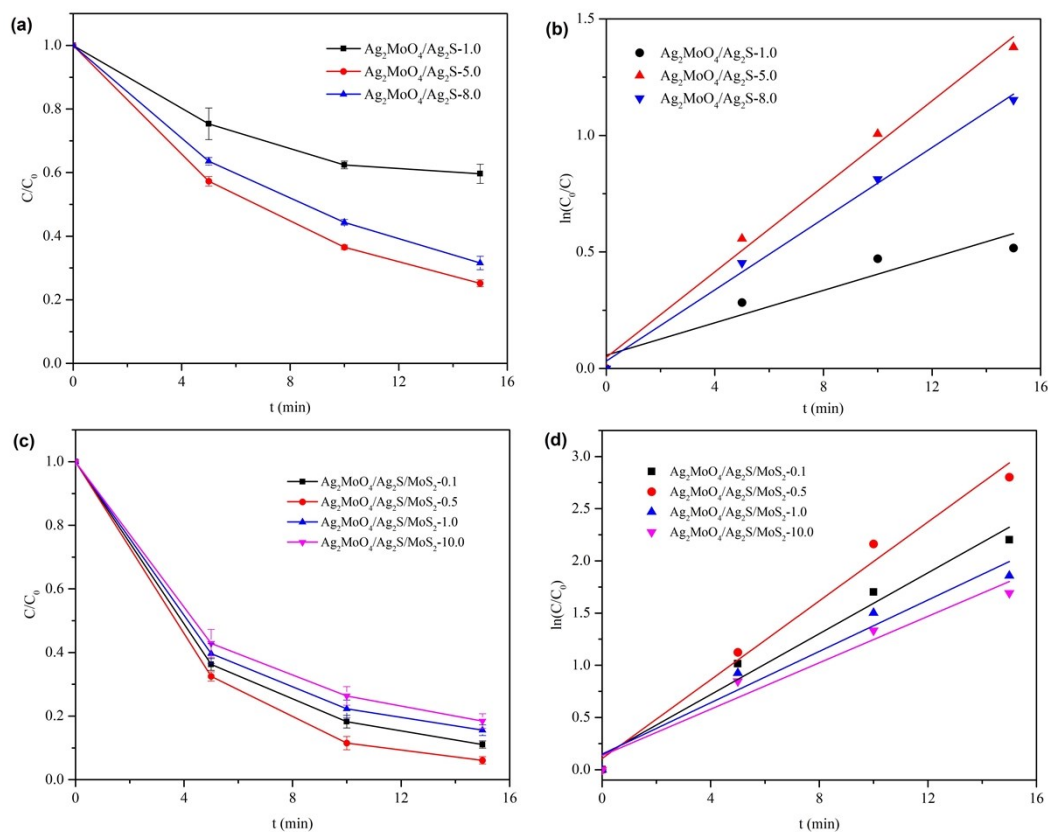


Figure S2. Photocatalytic degradation of RhB curves over Ag_2MoO_4/Ag_2S with different Ag_2S contents and $Ag_2MoO_4/Ag_2S/MoS_2$ with different MoS_2 contents under simulated sunlight irradiation (a, c) and corresponding kinetics plots (b, d).

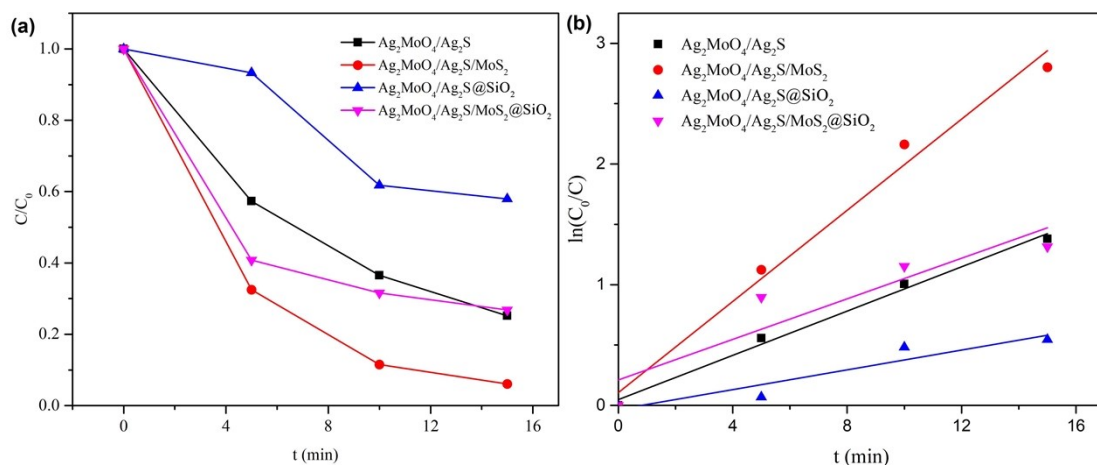


Figure S3. Photocatalytic degradation of RhB curves over Ag_2MoO_4/Ag_2S and $Ag_2MoO_4/Ag_2S/MoS_2$ with and without surface covering of SiO_2 (a) and corresponding kinetics plots (b).