

Supporting Information

Ion-exchange Synthesis of Ag/Ag₂S/Ag₃CuS₂ Ternary Hollow Microspheres with Efficient Visible-light Photocatalytic Activity

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Figure. S1 (a) SEM image, (b) TEM image, (c) particle size distribution histogram of the Cu_2O spheres; (d) SEM image, (e) TEM image, (f) particle size distribution histogram of the Cu_7S_4 hollow spheres.

Figure. S2 The photographs of sample-containing solution: (a) Cu_2O , (b) Cu_7S_4 (c) $\text{Ag}/\text{Ag}_2\text{S}/\text{Ag}_3\text{CuS}_2$.

Figure. S3 Color change of the MO solution over $\text{Ag}/\text{Ag}_2\text{S}/\text{Ag}_3\text{CuS}_2$ sample.

Figure. S1

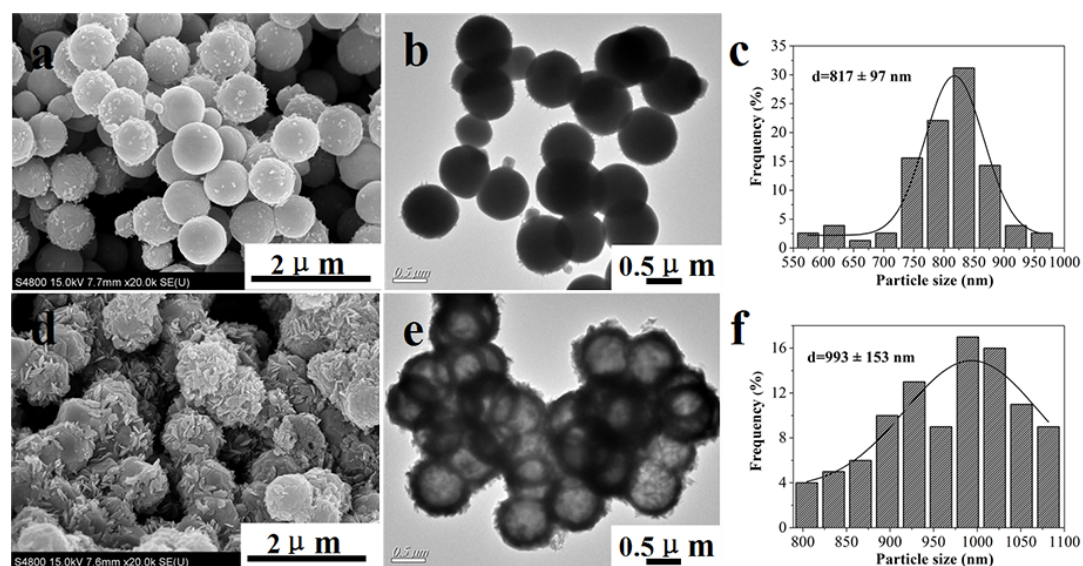


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Figure. S2



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Figure. S3

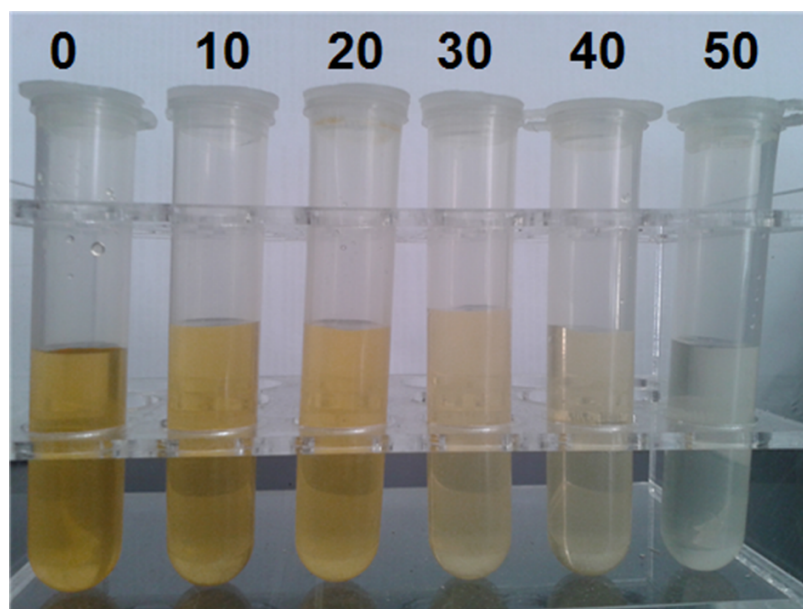


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