

Two-dimensional ReSe₂ nanosheets as a high-performance photocatalyst

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Synthesis of ReSe₂ nanosheets

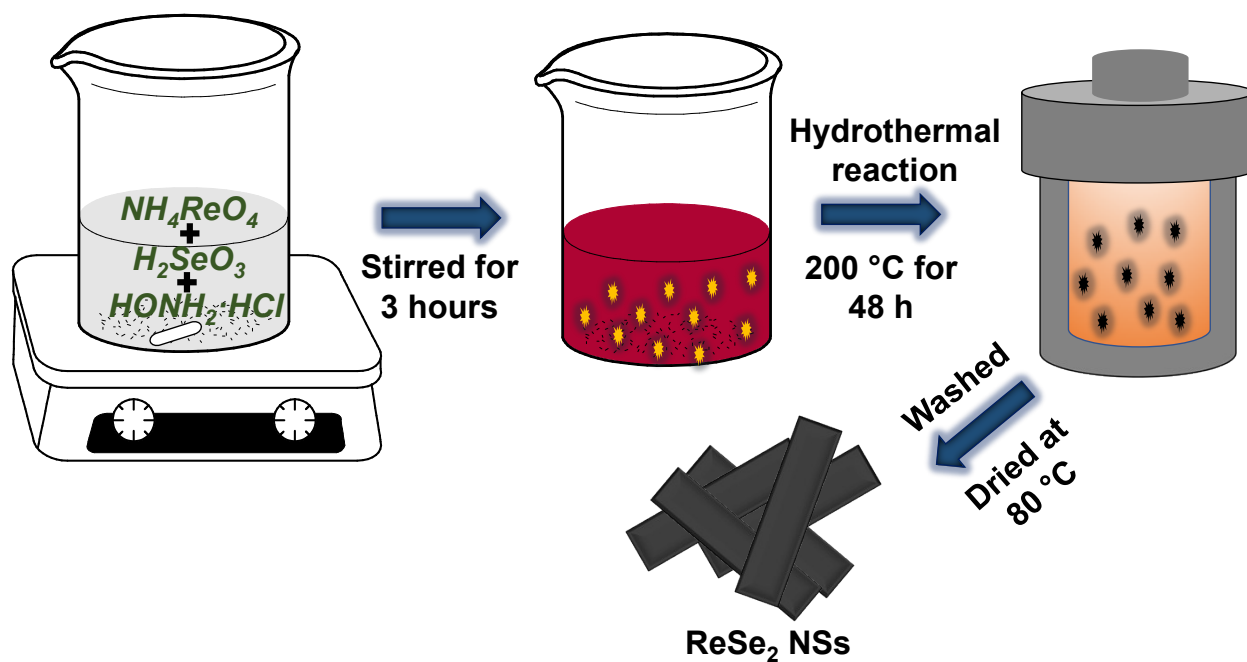


Figure S1: Schematic illustration for the synthesis of ReSe₂ nanosheets *via* hydrothermal method.

SEM images of ReSe₂ nanosheets

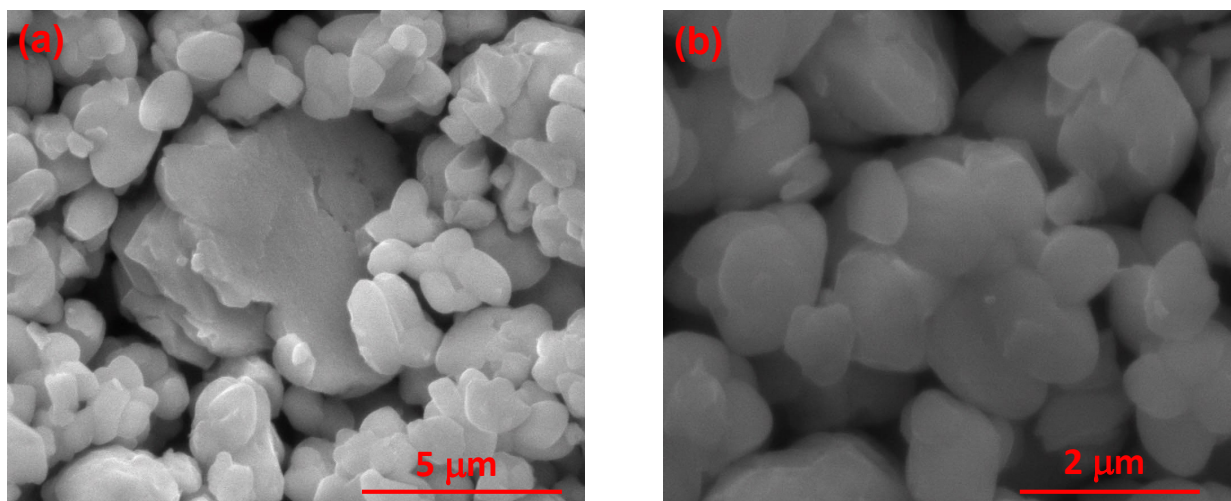


Figure S2: SEM images of ReSe₂ nanosheets at different magnifications.

Trapping experiment of active species

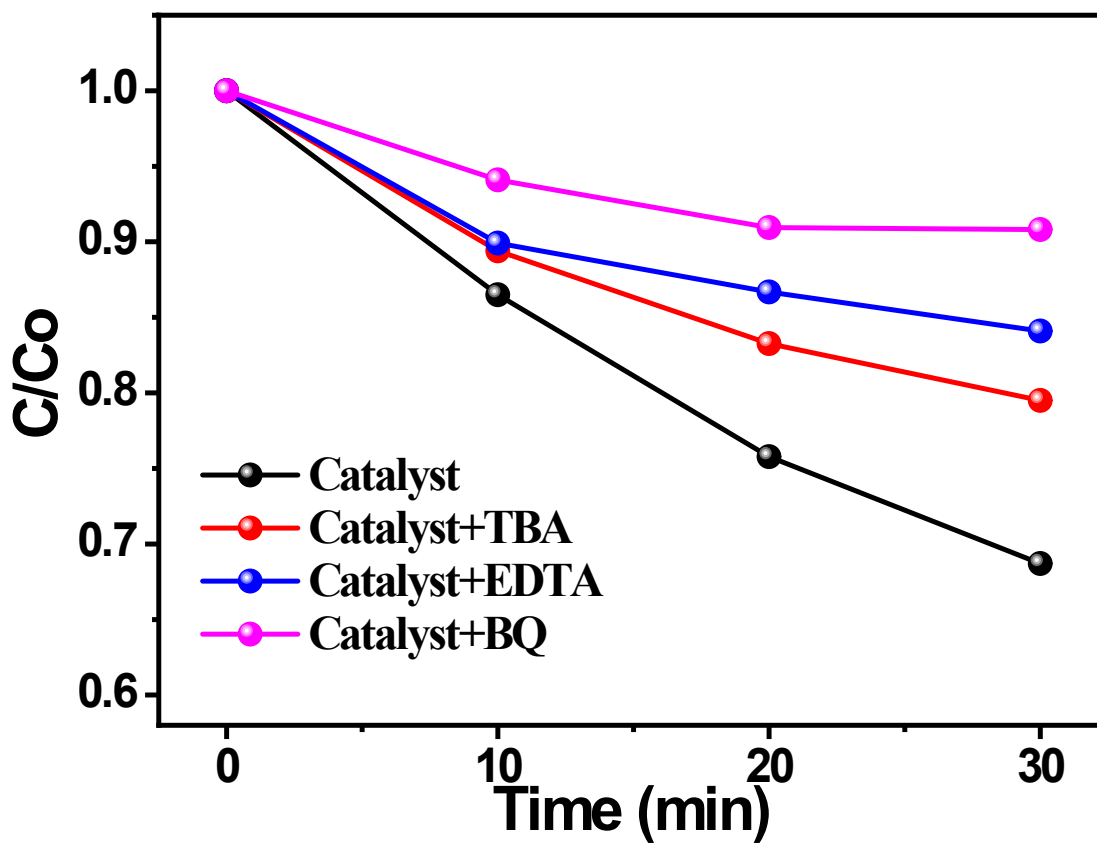


Figure S3: Photocatalytic activity of ReSe₂ nanosheets with TBA, EDTA, and BQ scavengers for degradation of Rh.B. under visible light.