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Title: Efficient $\text{Fe}_3\text{O}_4\text{-C}_3\text{N}_4\text{-Ag}_2\text{MoO}_4$ ternary photocatalyst: synthesis, outstanding light harvesting, and superior hydroxyl radical productivity for boosted photocatalytic performance

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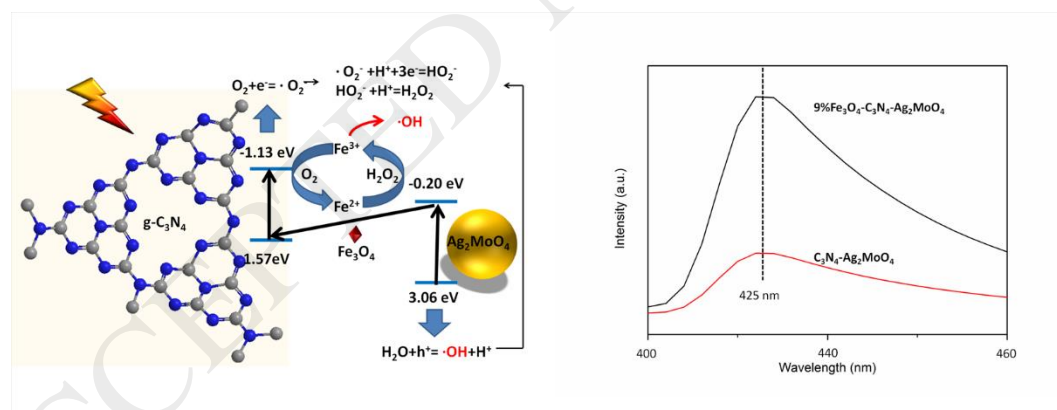
Efficient $\text{Fe}_3\text{O}_4\text{-C}_3\text{N}_4\text{-Ag}_2\text{MoO}_4$ ternary photocatalyst: synthesis, outstanding light harvesting, and superior hydroxyl radical productivity for boosted photocatalytic performance.

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Graphical abstract

$\text{Fe}_3\text{O}_4\text{-C}_3\text{N}_4\text{-Ag}_2\text{MoO}_4$ ternary system showed superior hydroxyl radical productivity and considerable photocatalytic performance.



Highlights

- Novel $\text{Fe}_3\text{O}_4\text{-C}_3\text{N}_4\text{-Ag}_2\text{MoO}_4$ ternary system was successfully synthesized.
- $\text{Fe}_3\text{O}_4\text{-C}_3\text{N}_4\text{-Ag}_2\text{MoO}_4$ ternary system showed superior hydroxyl radical productivity.
- $\text{Fe}_3\text{O}_4\text{-C}_3\text{N}_4\text{-Ag}_2\text{MoO}_4$ ternary system efficiently facilitated the separation of

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