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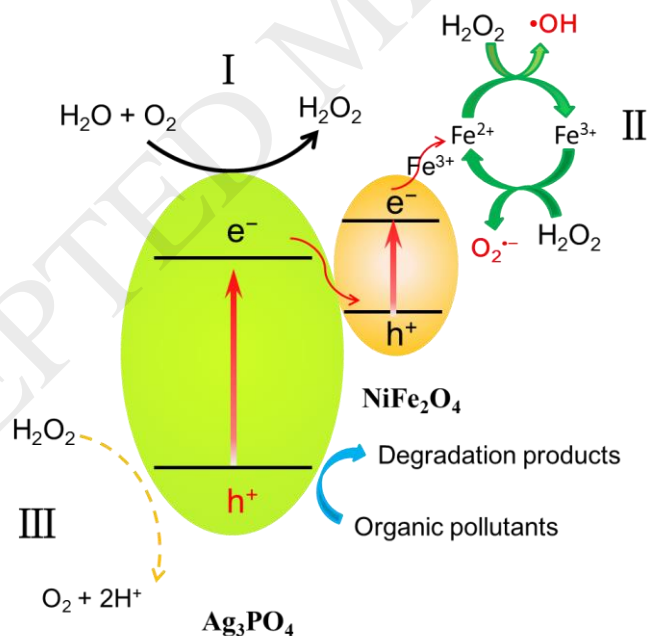
Constructing magnetic catalysts with in-suit solid-liquid interfacial photo-Fenton-like reaction over $\text{Ag}_3\text{PO}_4@ \text{NiFe}_2\text{O}_4$ composites

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Graphical abstract



The NiFe_2O_4 can timely catalytic decompose the H_2O_2 that generated on the surface of Ag_3PO_4 into $\text{O}_2^{\cdot-}$ and $\cdot\text{OH}$ species for organic degradation via a Photofenton process. Thus, the consumption of $\text{h}^+(\text{Ag}_3\text{PO}_4)$ by the adsorbed H_2O_2 was reduced and the photocatalytic performance was improved.

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