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Magnetically separable $\text{CuFe}_2\text{O}_4/\text{AgBr}$ composite photocatalysts:
preparation, characterization, photocatalytic activity and photocatalytic
mechanism under visible light

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Highlights:

- $\text{CuFe}_2\text{O}_4/\text{AgBr}$ composites were prepared by a facile sol-gel and hydrothermal method.
- Visible- light response and high photocatalytic performance.
- Excellent magnetic properties.
- Different reactive species had different effects on degradation different pollutants.

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