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# Photocatalytic properties of BiOCl-TiO<sub>2</sub> composites for Phenol Photodegradation

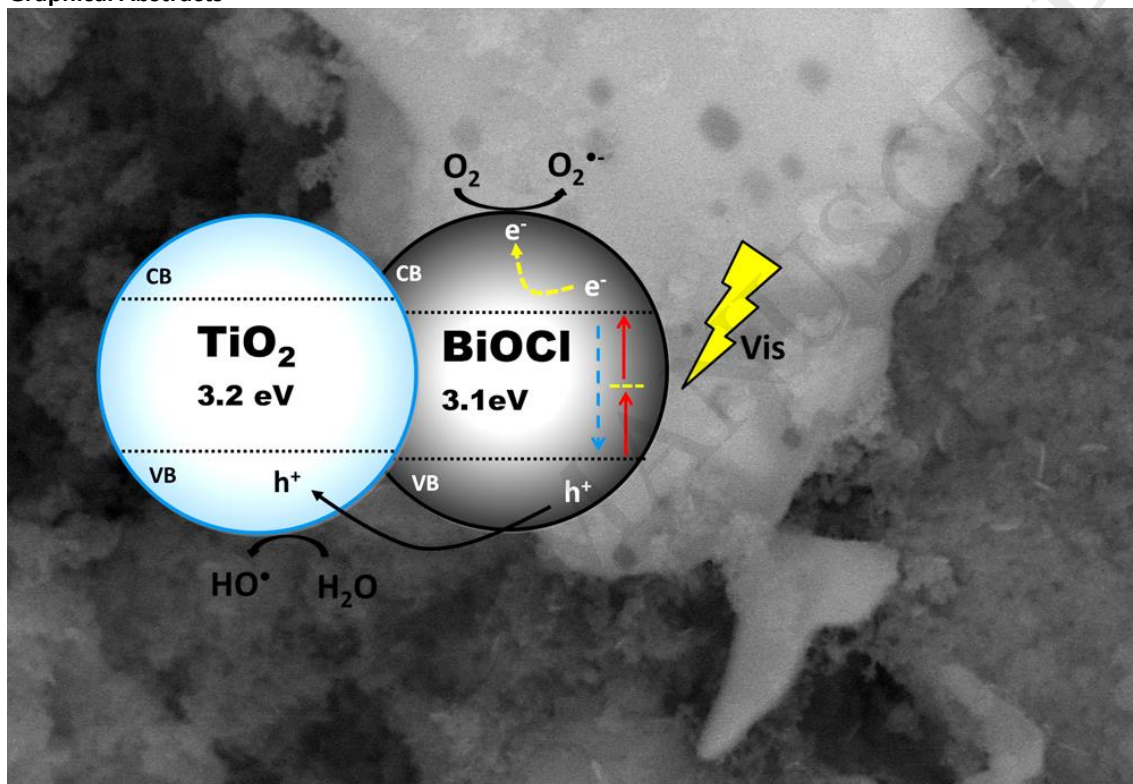
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## Graphical Abstracts



## Highlights

- Composite BiOCl-TiO<sub>2</sub> is effective for photodegradation of phenol under visible light.
- The particle size of BiOCl has an important effect on its photocatalytic performance.
- It is proposed that a donor level below the conduction band is generated.
- The BiOCl-TiO<sub>2</sub> is better than pure TiO<sub>2</sub> or BiOCl for phenol photodegradation.

## Abstract

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