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Title: Carbon dots-TiO<sub>2</sub> nanosheets composites for photoreduction of Cr(VI) under sunlight illumination: favorable role of carbon dots

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## Carbon dots-TiO<sub>2</sub> nanosheets composites for photoreduction of Cr(VI) under sunlight illumination: favorable role of carbon dots

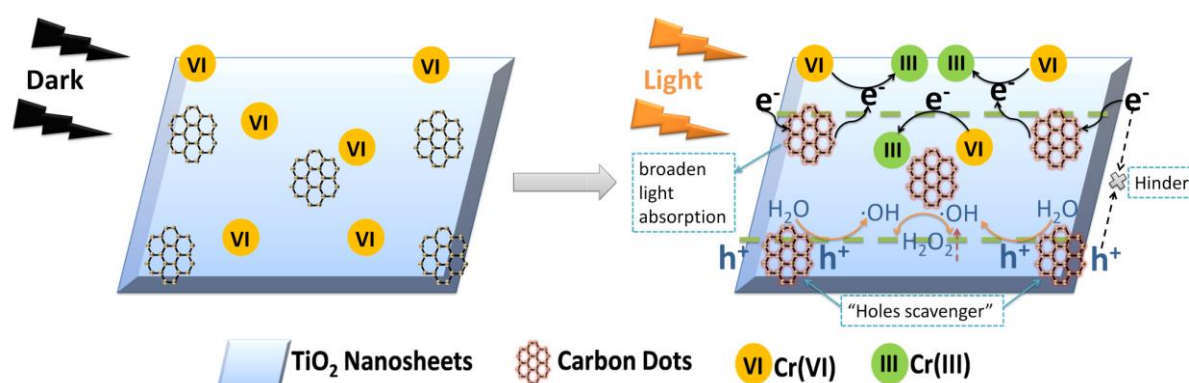
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### Graphical Abstract



### Highlights

- Carbon dots-TiO<sub>2</sub> nanosheets (CDs-TNs) composites were prepared through hydrothermal reaction.
- CDs incorporate with TNs through Ti-O-C bonds.
- CDs-TNs exhibit excellent photoreduction efficiency of Cr(VI) under sunlight illumination.

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