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## ACCEPTED MANUSCRIPT

# Photocatalytic Degradation of 2,4dichlorophenoxyacetic acid- A comparative study in hydrothermal TiO<sub>2</sub> and commercial TiO<sub>2</sub>

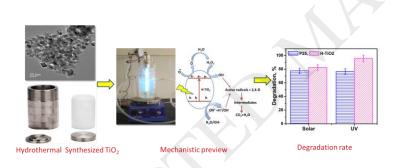
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### Graphical abstract



### Highlights

- Photocatalytic degradation of 2,4-dichlorophenoxyacetic acid (2,4-D) by hydrothermally prepared TiO<sub>2</sub>.
- Comparative assessment with widely studied TiO<sub>2</sub> such as P25 (Degussa), Hombicat (UV-100) and Commercial grade TiO<sub>2</sub>.

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