

Defect enrich ultrathin TiO₂ nanosheets for rapid adsorption and visible light mediated PPCPs degradation

Xiao Qu ^a, Jianbin Lin ^a, Jai Prakash Chaudhary ^a, Bianjing Sun ^a, Feng Wei ^a, Mengmeng Fan ^b  , Dongping Sun ^a  

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Highlights

- Facile solvothermal synthesis of TiO₂ nanosheets with rich oxygen vacancies.
- The concentration of OV's can be controlled by doping with copper ions.
- TiO₂ nanosheets did not decrease activity after five cycles.
- Superior photocatalytic performance for tetracycline and