

Synthesis of novel and stable g-C₃N₄/N-doped SrTiO₃ hybrid nanocomposites with improved photocurrent and photocatalytic activity under visible light irradiation

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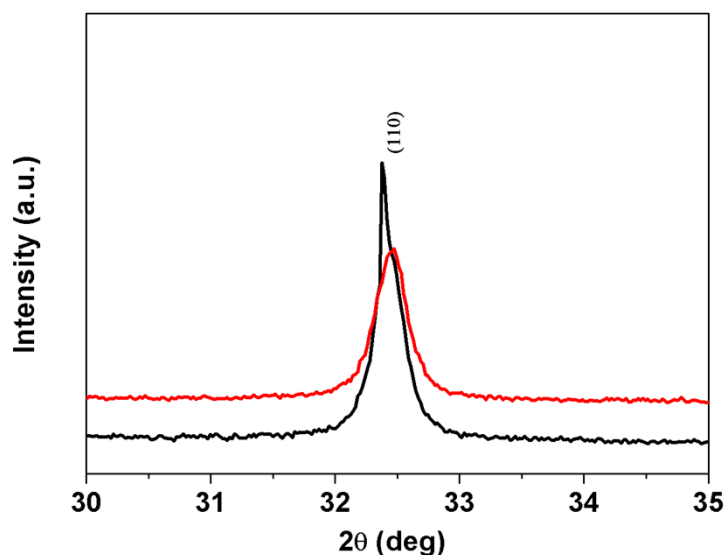


Fig. S1 Bragg's angle shift of (110) for the prepared samples.

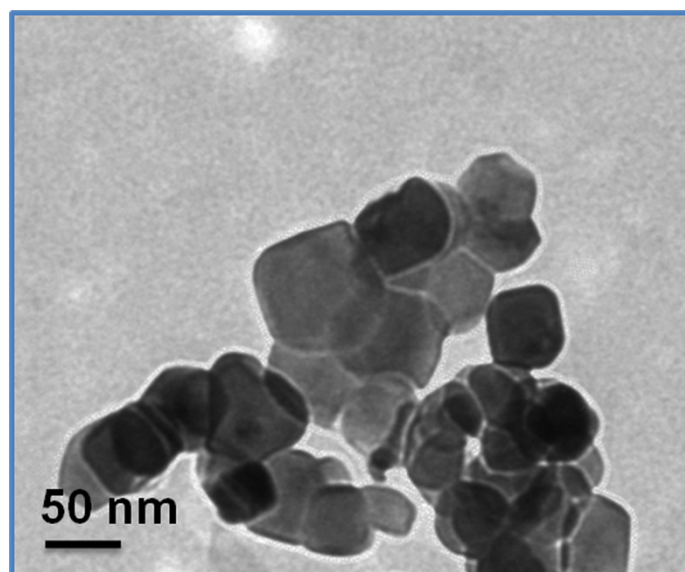


Fig. S2 TEM image of the N-doped SrTiO₃.

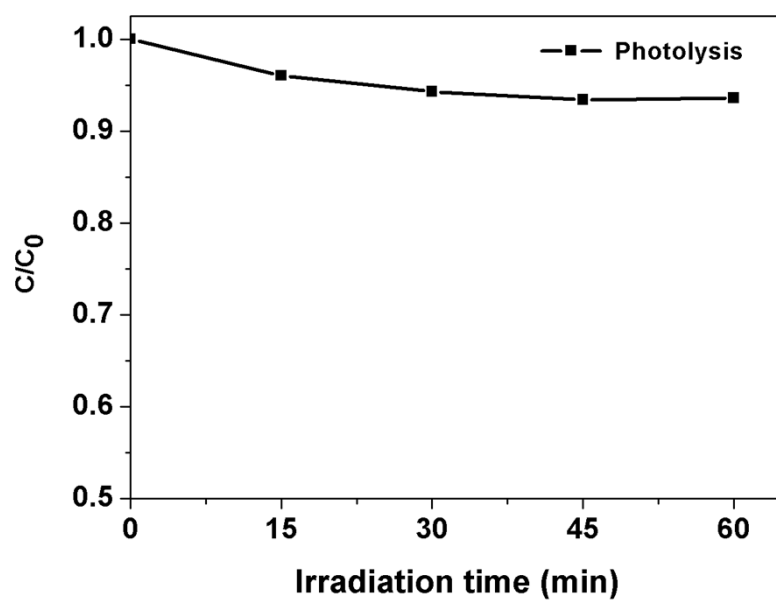


Fig. S3 Photolysis of RhB under visible light.

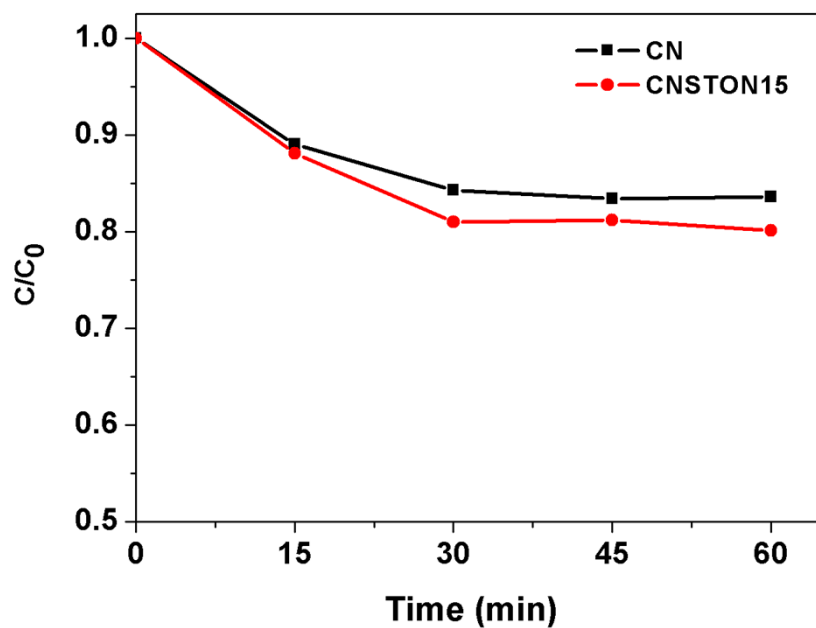


Fig. S4 Adsorption ability of CN and CNSTON15 for degradation of RhB under dark condition for 60 min duration.

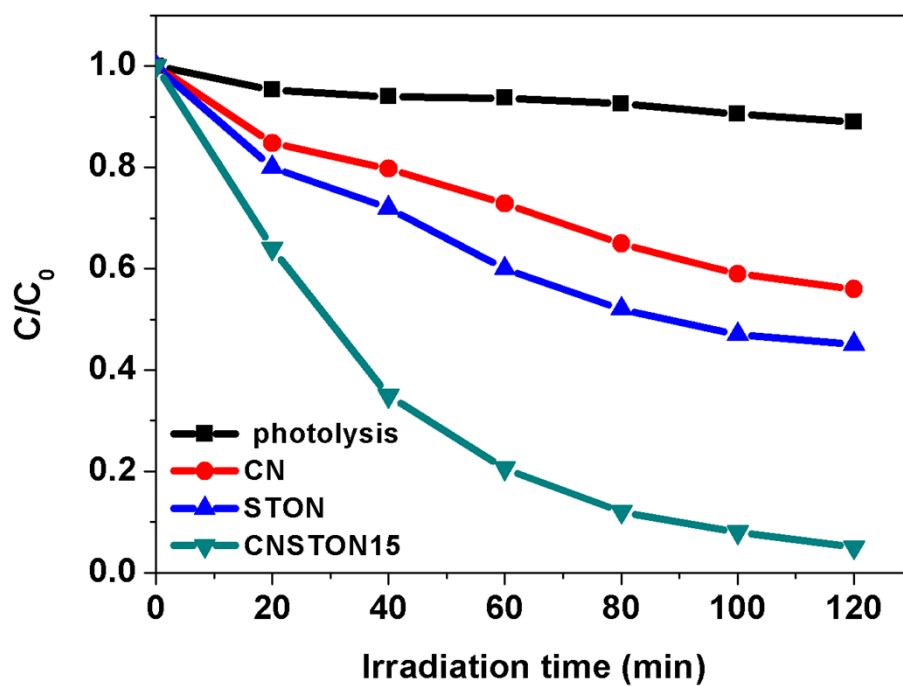


Fig. S5 Photocatalytic activity of the prepared photocatalysts for the degradation of 4-chlorophenol under visible light irradiation.

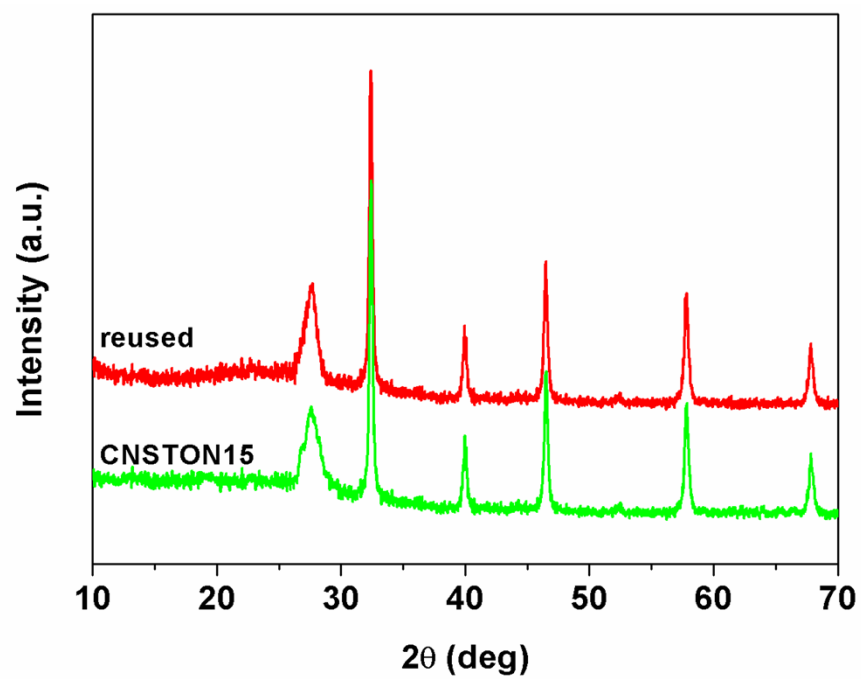


Fig. S6 XRD pattern of reused CNSTON15 photocatalyst after 5th cycle.