

Supplementary Information

The enhancement of photocatalytic performance of SrTiO_3 nanoparticles via combining with carbon quantum dots

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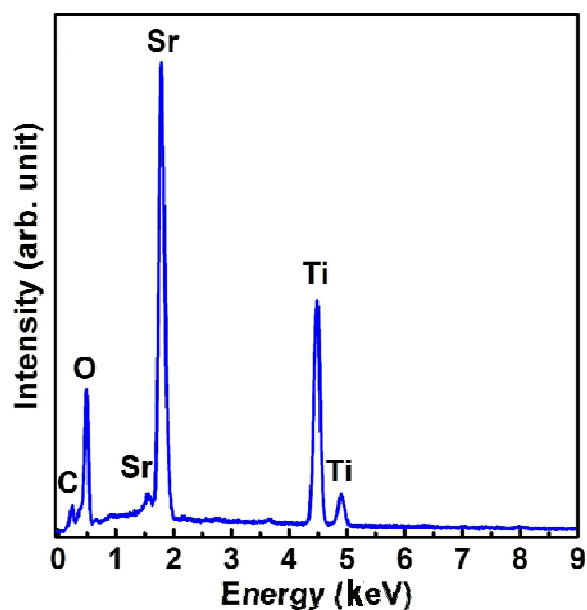


Fig. S1 EDS pattern of the CQD/ SrTiO_3 nanocomposite.

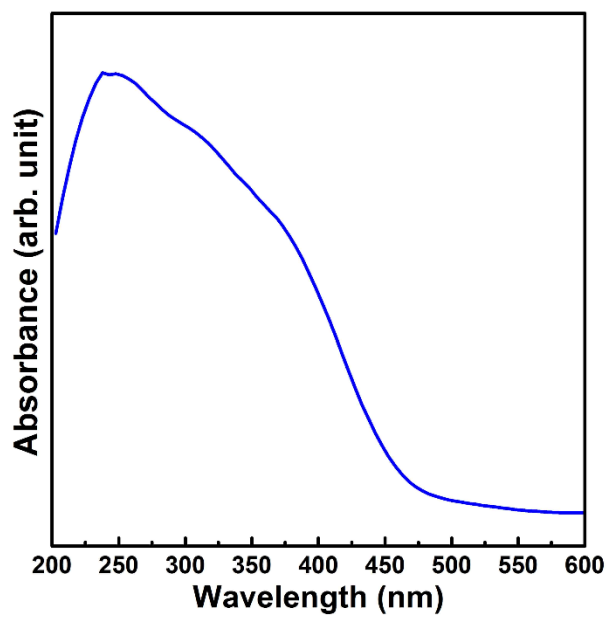


Fig. S2 UV-vis absorption spectrum of the CQDs.

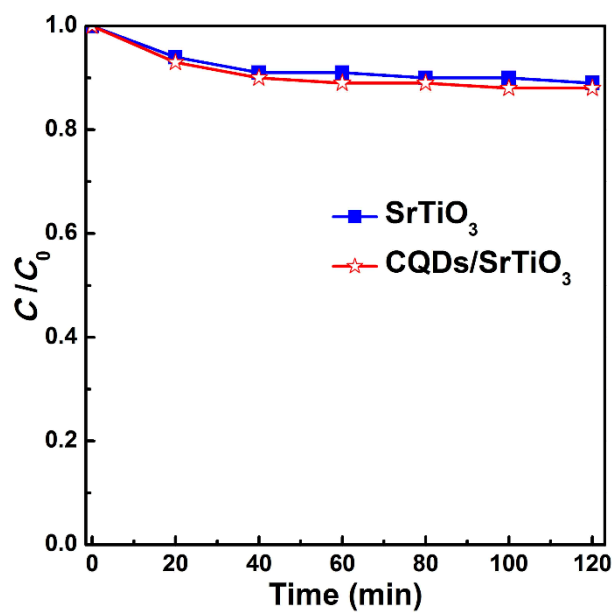


Fig. S3 Time profiles of adsorption of pure SrTiO_3 and the CQD/SrTiO_3 nanocomposite in dark for RhB.

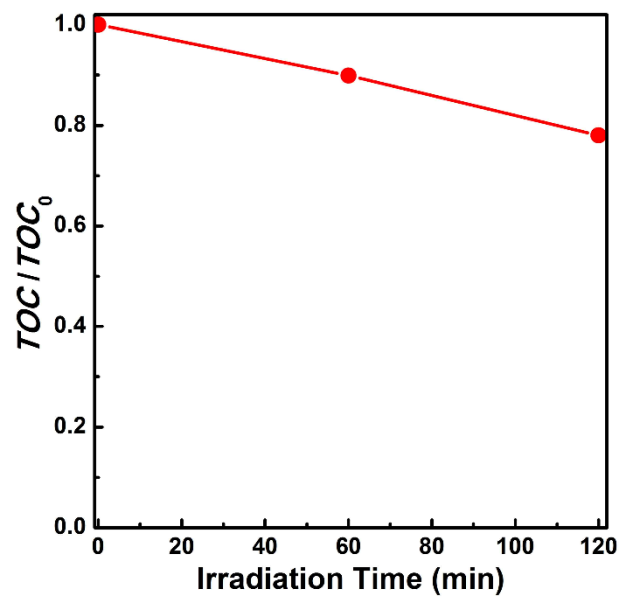


Fig. S4 TOC removal during the RhB degradation by the CQD/SrTiO₃ nanocomposite.