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## **Supporting information**

Solar light driven Rhodamine B degradation over highly active  $\beta\text{-SiC}\text{--TiO}_2$  nanocomposite

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COOH
$$(C_2H_5)N$$

$$(C_2H_5)_2$$

Fig. S1

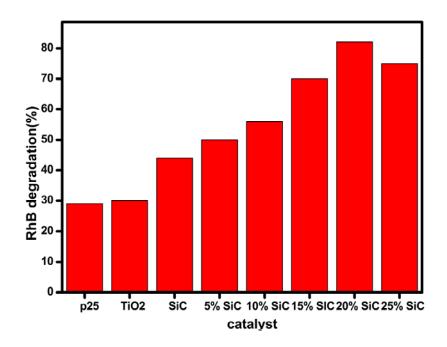


Fig. S2

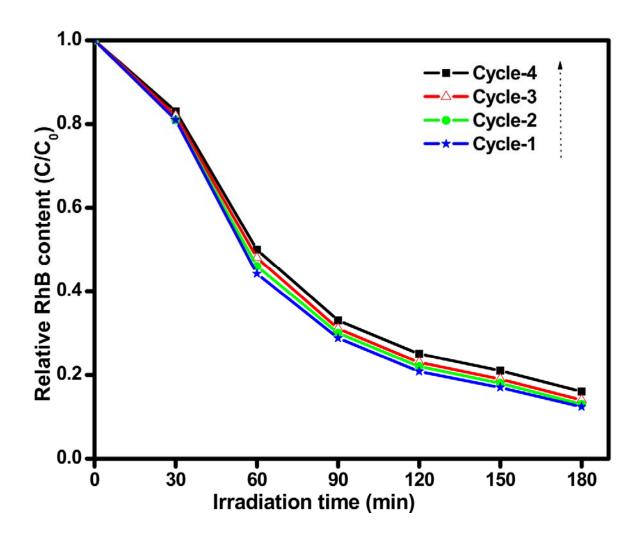


Fig. S3 Recyclability performance of 20 wt% β-SiC—TiO<sub>2</sub> nanocomposite