

Modified hydrothermal route for synthesis of photoactive anatase TiO₂/g-CN nanotubes from sludge generated TiO₂

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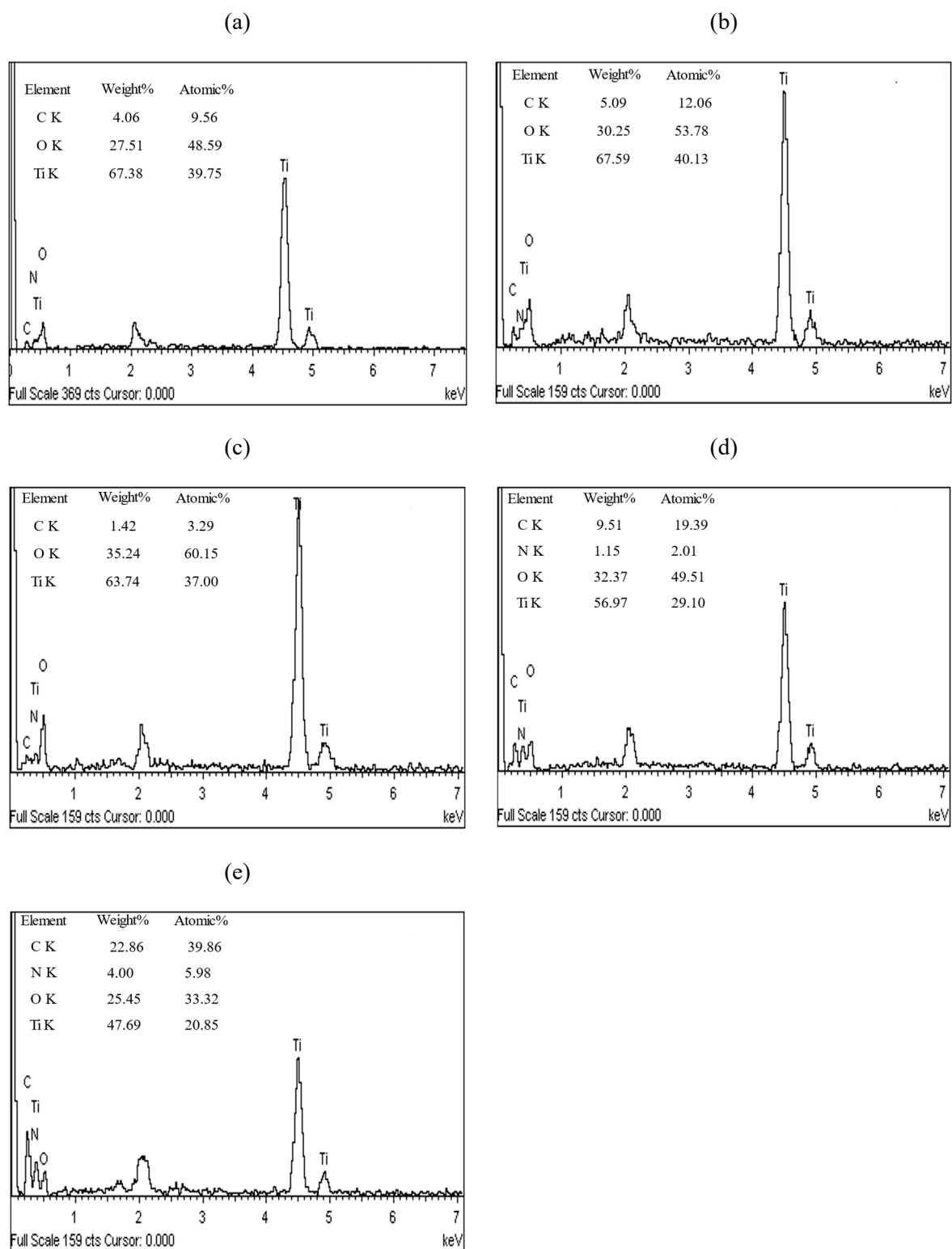


Figure S1. EDX spectra of (a) S-TiO₂, (b) H-TNT, (c) S-TNT, (d) S-TNT1, and (e) S-TNT2.

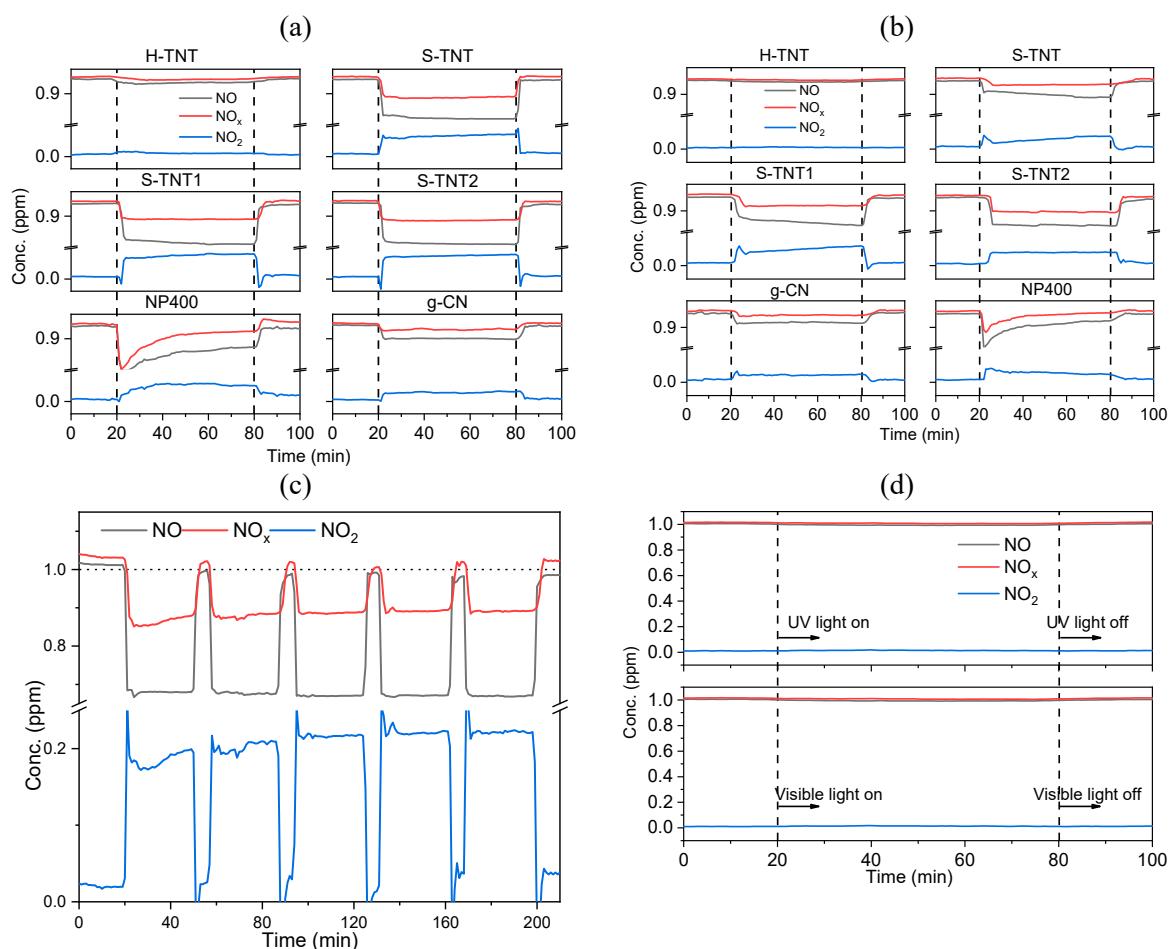


Figure S2. Concentration patterns of NO, NO₂, and NO_x in the continuous flow reactor of the as-synthesized samples along with NP400, under UV (a) and visible light (b); (c) recycling experiments for NO removal under UV irradiation over S-TNT2; (d) NO_x concentration profile under light irradiation (UV/visible) without the presence of any photocatalysts.