

Supplementary Materials

Simultaneous Adsorption and Photocatalysis Processes Based on Ternary TiO₂-Cu_xS-Fly Ash Hetero-Structures

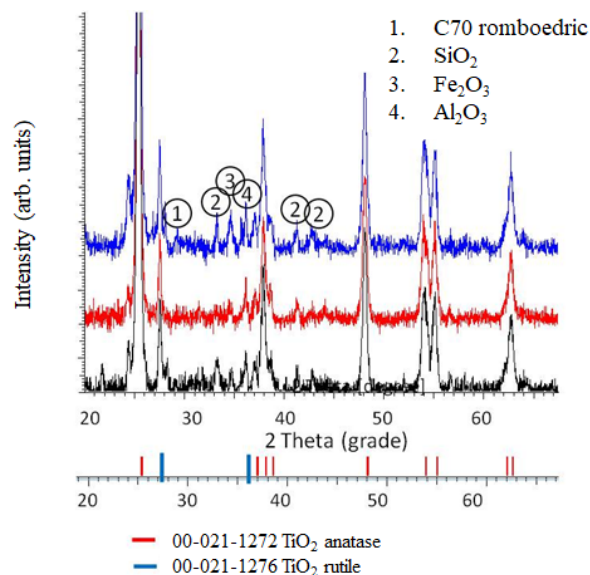


Figure S1. The XRD pattern of Fly ash-TiO₂ materials: Fly1 (black), Fly2 (red) and Fly 3 (blue).

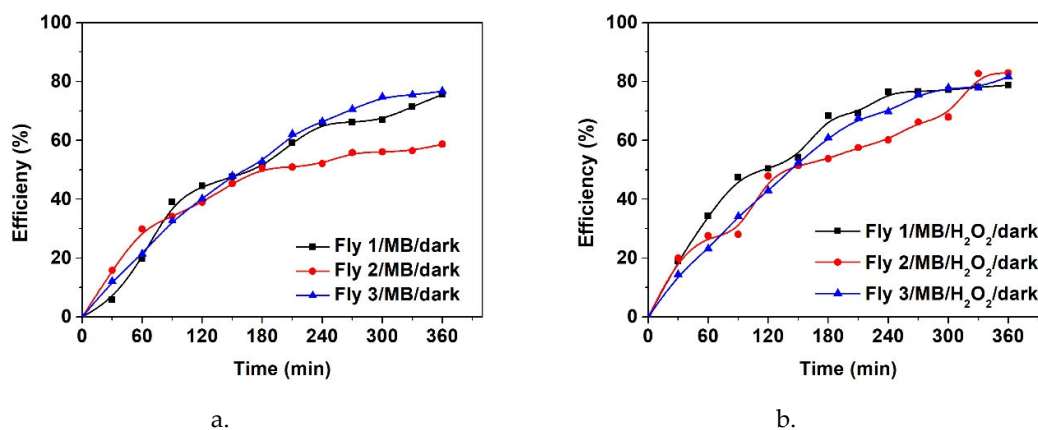
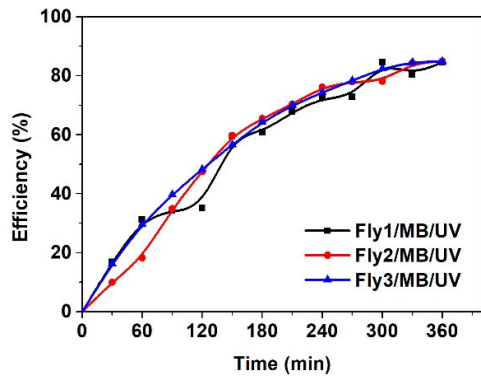
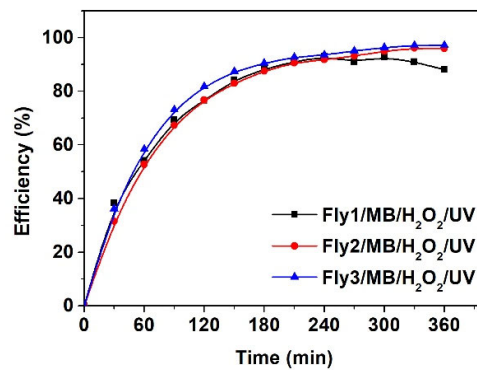


Figure S2. The adsorption process on Fly ash-TiO₂ materials: (a) without H₂O₂ and (b) with H₂O₂.



a.



b.

Figure S3. The adsorption/photocatalysis process on Fly ash-TiO₂ materials: (a) without H₂O₂ and (b) with H₂O₂.