

Supporting Information for Hierarchical Nanostructures of K-Birnessite Nanoplates on Anatase Nanofibers and Their Application for Decoloration of Dye Solution

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Captions of Figures

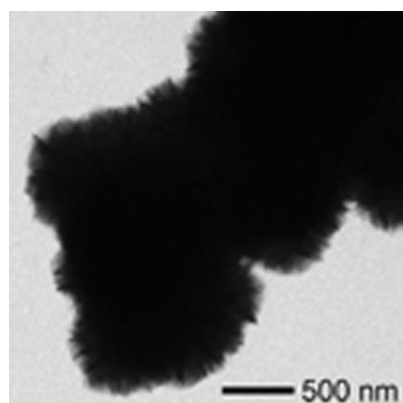


Figure S1. K_xMnO_2 synthesized using a procedure similar to that used in the main text except the absence of TiO_2 nanofibers. The K_xMnO_2 exhibited a plate-like morphology too but tended to agglomerate into large structures.

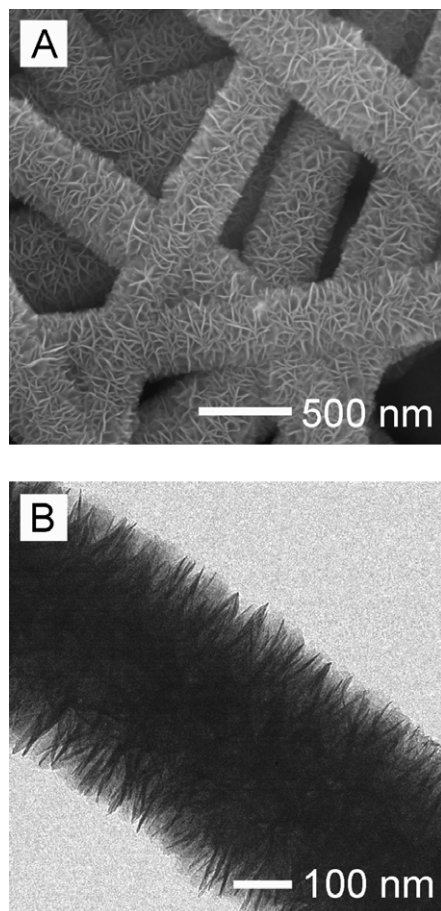


Figure S2. (A) SEM and (B) TEM images showing morphologies of the K_xMnO_2/TiO_2 hierarchical nanostructures after passing 80 mL of congo red solution in a continuous flow reactor. Both the density and morphology of the K_xMnO_2 nanoplates were well preserved during the treatment.