

Supplementary Information

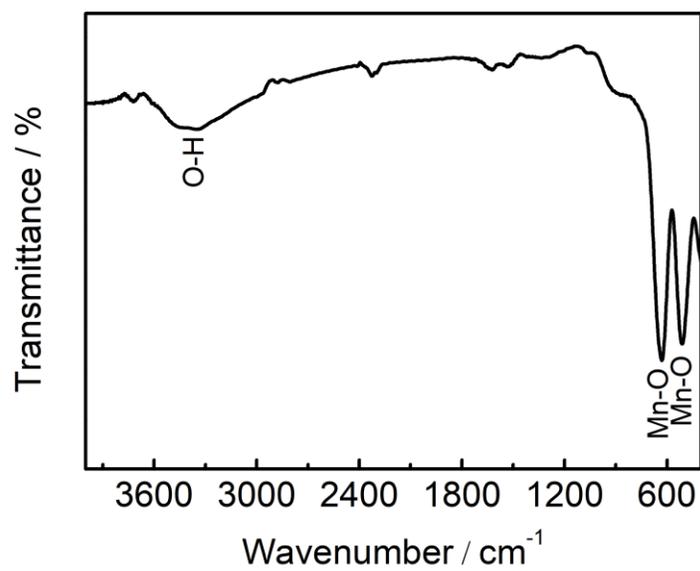


Figure S1. FT-IR spectrum of the as-prepared Mn₃O₄ sample.

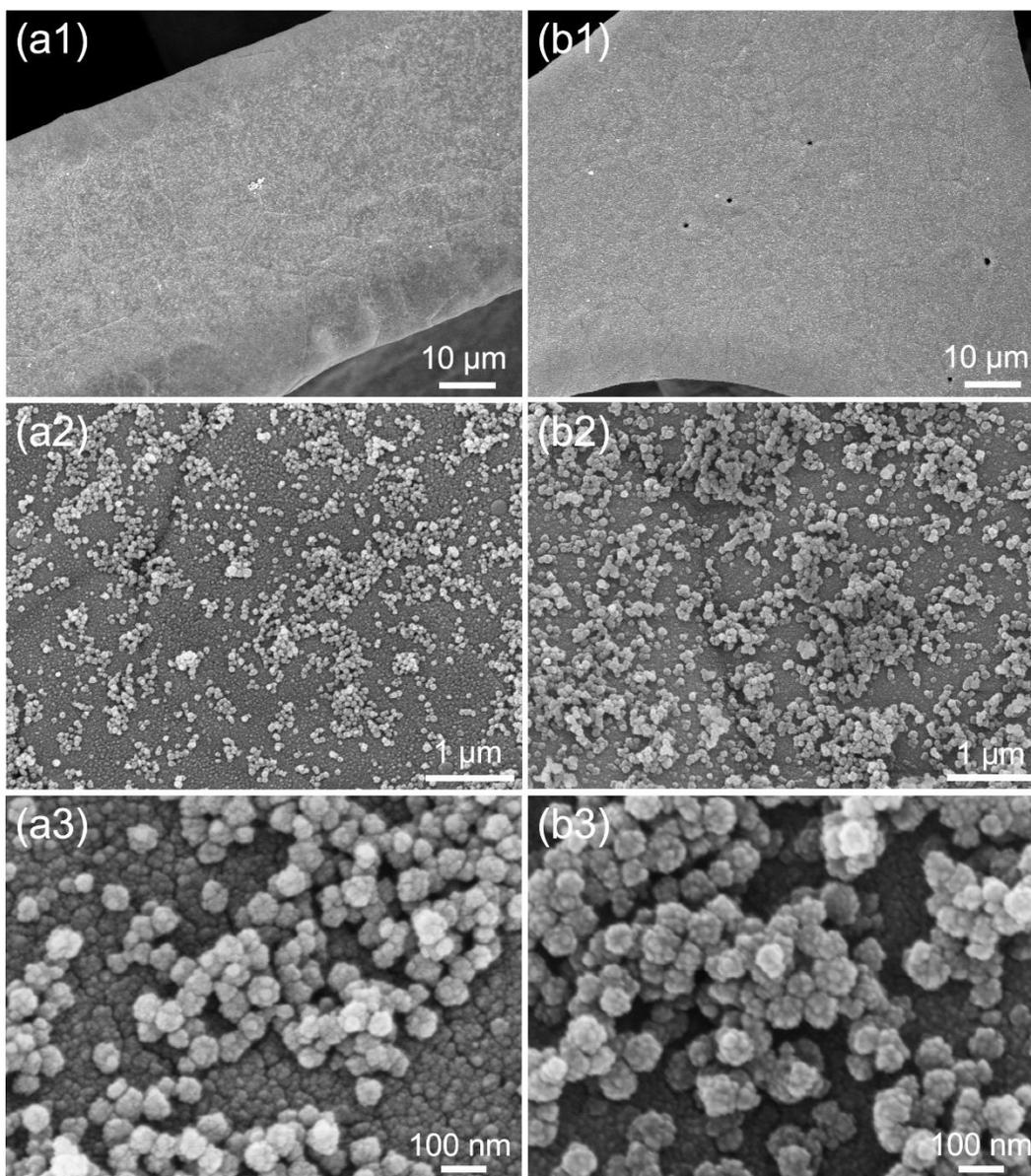


Figure S2. SEM images of (a1-a3) Mn₃O₄/NF-0.12 and (b1-b3) Mn₃O₄/NF-0.24.

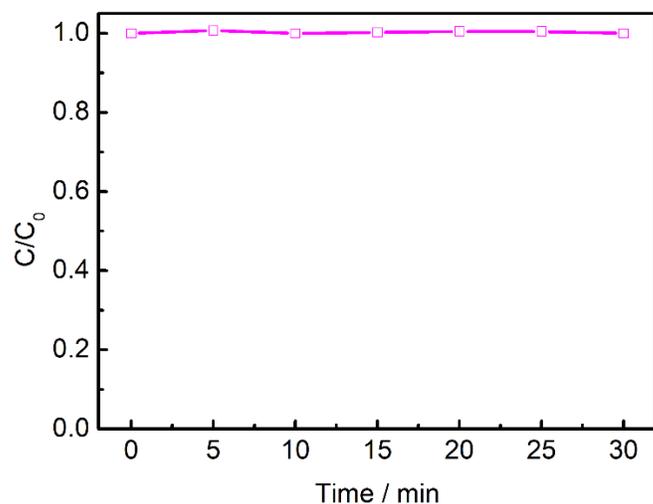


Figure S3. The adsorption of AO7 on Mn₃O₄/NF-0.48.

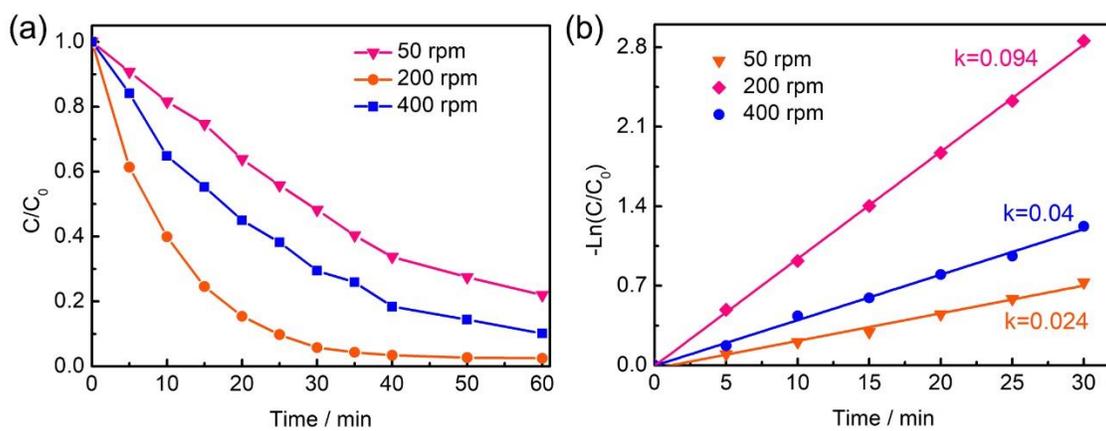


Figure S4. (a) AO7 degradation efficiency and (b) kinetic curves of Mn₃O₄/NF-0.48/PMS system under different stirring rates. Conditions: [AO7]₀=20 mg/L, [oxone]₀=1 mM.

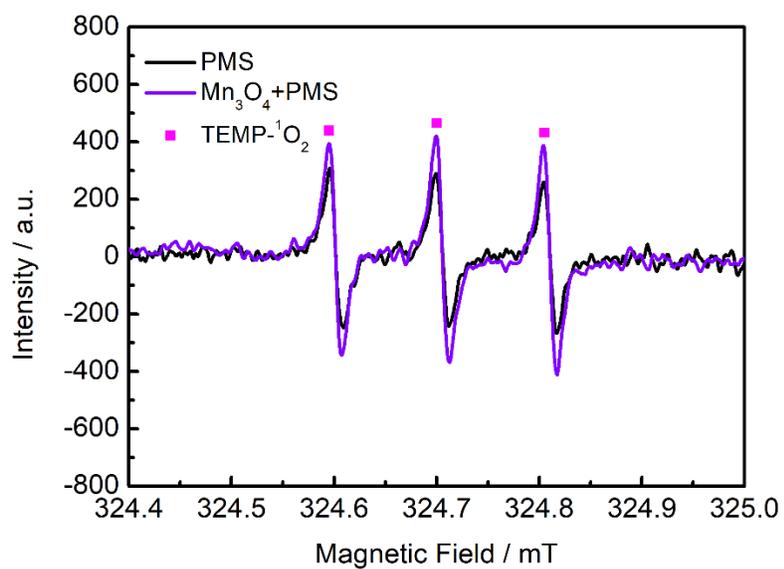


Figure S5. EPR spectra of Mn₃O₄/NF-0.48/PMS system captured by TEMP.