

Low Temperature Synthesis of Water Dispersible F-doped TiO₂

Nanorods with Enhanced Photocatalytic Activity

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Supporting Information

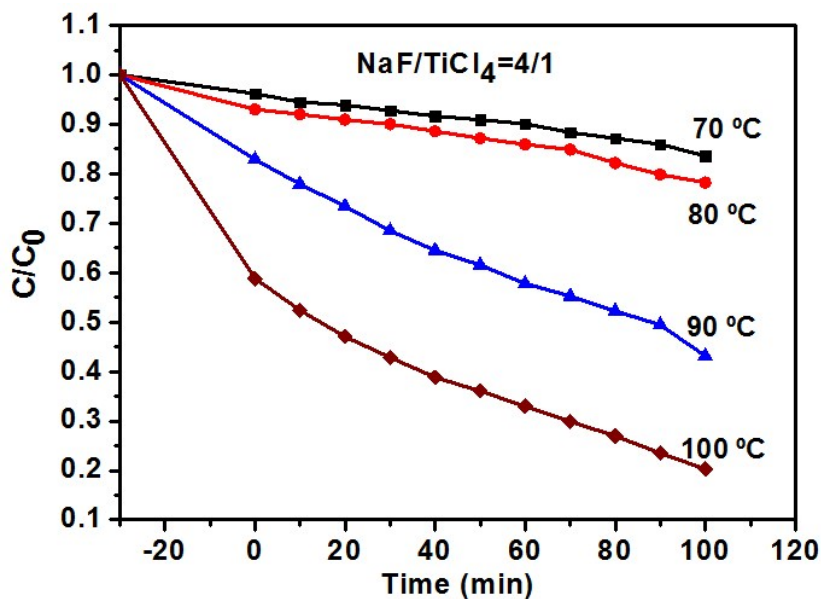


Fig. S1. UV-vis spectra of MB solution under UV irradiation for different times using F-TiO₂ NRs as photocatalyst prepared at different refluxing temperature (the NaF/TiCl₄ molar ratio was 4/1).

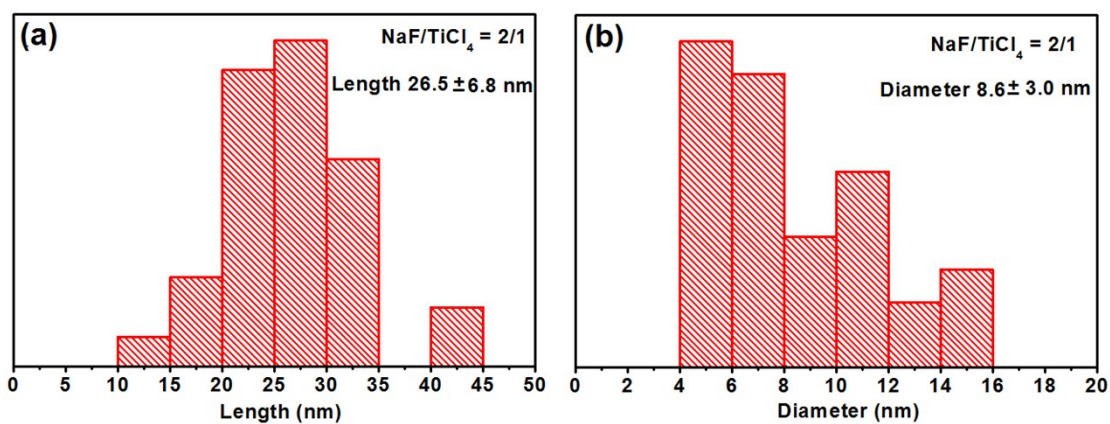


Fig. S2. length and diameter distributions of F-TiO₂ NRs. The molar ratio of NaF/TiCl₄ was 2.0/1.0.

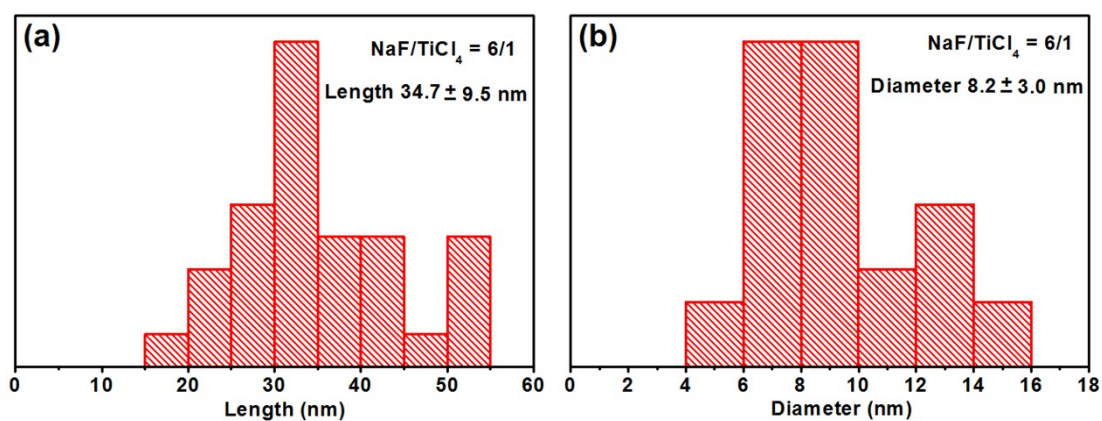


Fig. S3. length and diameter distributions of F-TiO₂ NRs. The molar ratio of NaF/TiCl₄ was 6.0/1.0.

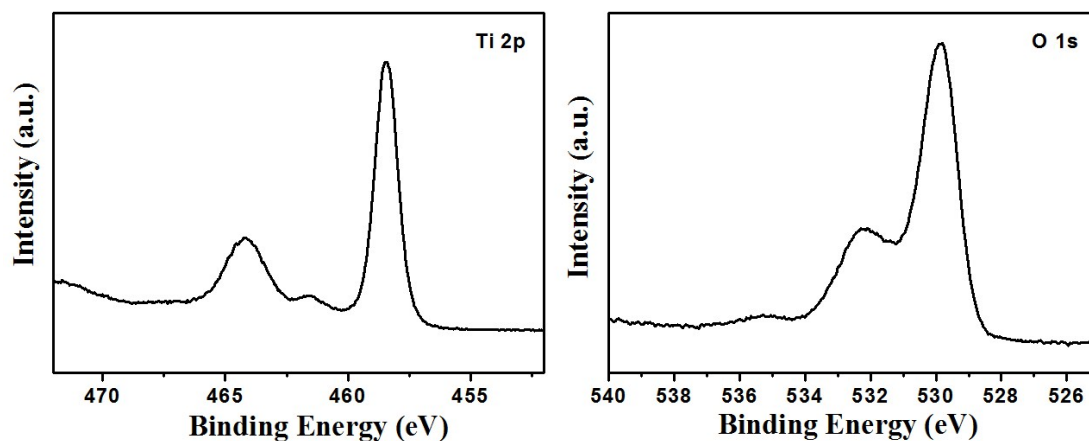


Fig. S4. X-ray photoelectron spectra of Ti 2p and O 1s recorded from F-TiO₂ NRs after washing with NaOH solution. The molar ratio of NaF/TiCl₄ was 4.0/1.0.