Structure Features of Nanotubes Synthesized from NaOH Treatment on TiO₂ with Different Post-Treatments

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Supporting Information

Figure S1. N₂ adsorption (full symbol)-desorption (empty symbol) isotherms for aggregates prepared from hydrothermal treatment on P25 TiO₂ in NaOH, followed by washing with HCl under different pH values.

Figure S2. TEM image of TiO₂ nanorods obtained from 175°C hydrothermal treatment on a mildly-acidic nanotube suspension.

Figure S3. By intercalating Cu²⁺ ions into nanotubes with subsequent calcination, the Cu/nanotube catalyst obtained showed high activity in NO reduction with NH₃.

Figure S1. N₂ adsorption (full symbol)-desorption (empty symbol) isotherms for aggregates prepared from hydrothermal treatment on P25 TiO₂ in NaOH, followed by washing with HCl under different pH values.

Figure S2. TEM image of TiO_2 nanorods obtained from 175°C hydrothermal treatment on a mildly-acidic nanotube suspension.

Figure S3. By intercalating Cu^{2+} ions into nanotubes with subsequent calcination, the Cu/nanotube catalyst obtained showed high activity in NO reduction with NH_3 .