Supplementary Material (ESI) for Chemical Communications

Electronic Supplementary Information

Chemical Synthesis of Transition Metal Oxide Nanotubes in Water Using an Iced Lipid Nanotube as a Template

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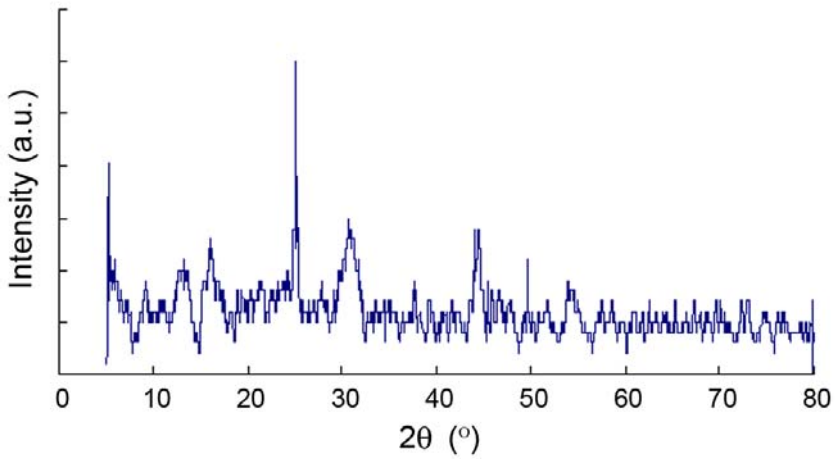
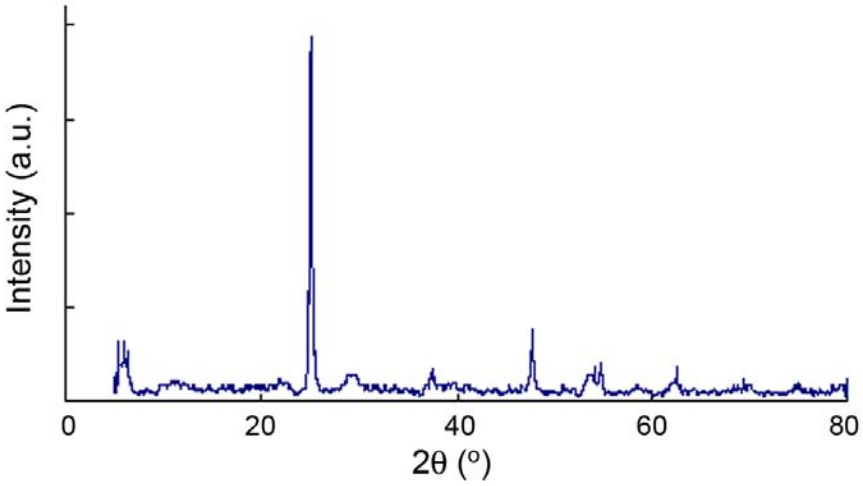
X-ray Powder Diffraction Patterns (XRD). The powder samples was measured on Rigaku Rint 2100 x-ray diffractometer, monochromated Cu-Kα radiation (λ = 1.54178 Å).

XRD Spectra. We showed the XRD spectra of titania oxide, tantalum oxide and vanadium oxide nanotubes obtained using lipid nanotubes as template. Spectrum 1 is titania oxide nanotubes after calcinations at 500 °C. Spectrum 2 is tantalum oxide nanotubes after calcinations at 500 °C. Spectrum 3 is vanadium oxide nanotubes after calcinations at 500 °C.

Spectrum 1



Spectrum 2



Spectrum 3