

Strong Visible Absorption and Photoluminescence of Titanic Acid Nanotubes by Hydrothermal Method

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Examination of the samples' morphology was performed using a transmission electron microscope (TEM JEM-2010). The samples were dispersed by ultrasonication in ethanol and then placed on the perforated carbon copper grids. X-ray diffraction (XRD) patterns of the samples were measured by an X'Pert Pro X-ray diffractometer with Cu KR (λ) 1.54 Å) radiation. The diffuse reflectance (mi-c)-38(DRS05) were measured with

again (Figure 3c) and became similar to that heated at 100 °

