Supplementary Material (ESI) for Journal of Materials Chemistry

Supplementary Information

Highly Entangled Hollow TiO_2 Nanoribbons Templating Diphenylalanine Assembly

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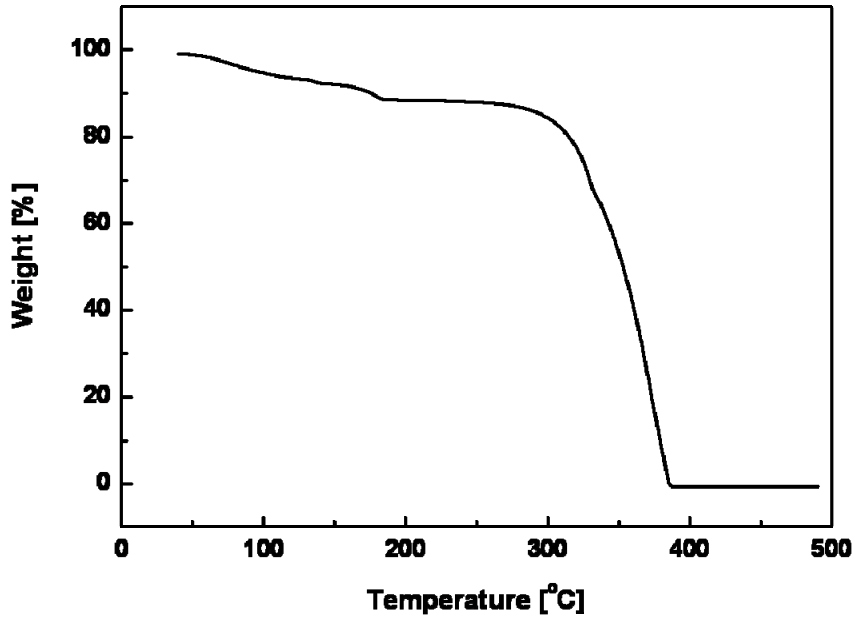

Figure S1. Thermogravimetric analysis curve of a peptide xerogel during a heating process. The major thermal degradation occurred above 300 °C.

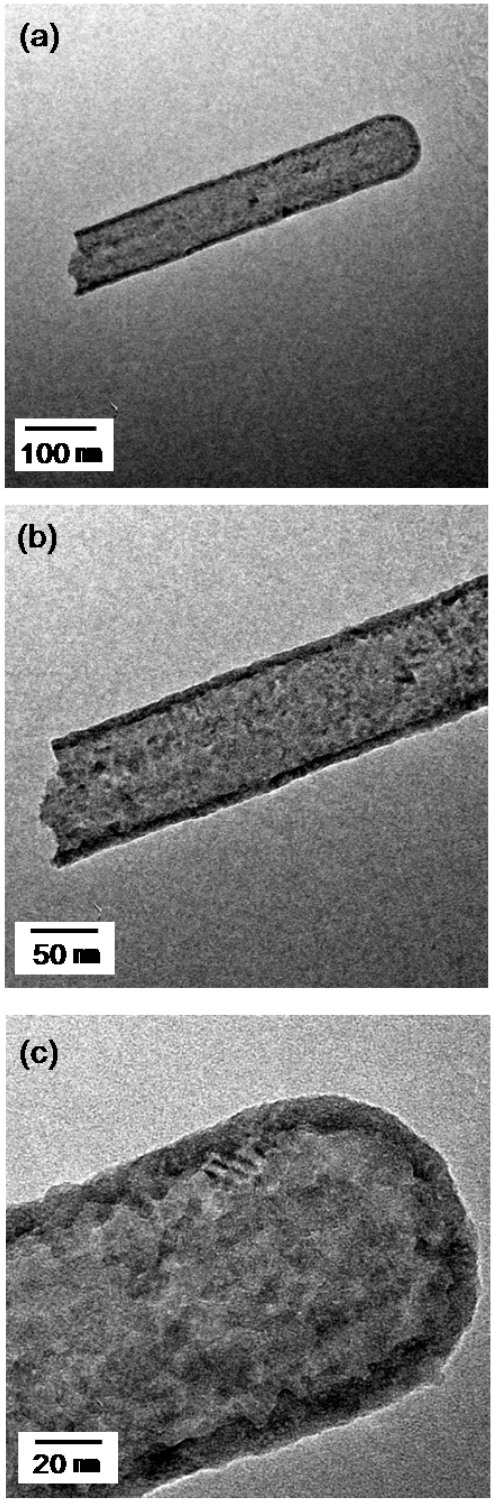

Figure S2. TEM images of a TiO_2 nanoribbon with both an open-end and a closed-end.

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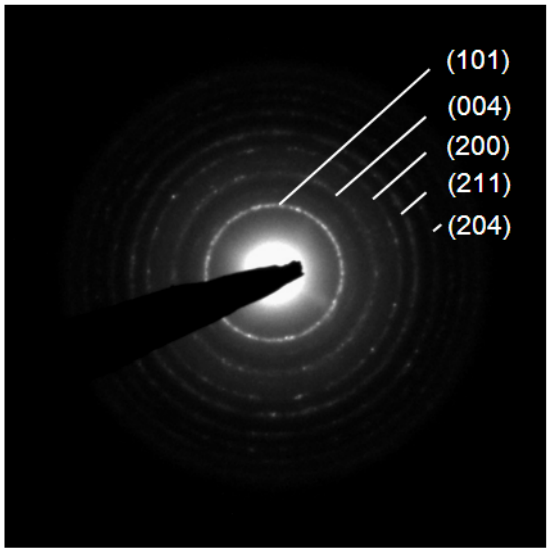

Figure S3. A selected area electron diffraction pattern of a crystalline TiO_2 nanoribbon. The pattern shows a set of diffraction rings, whose lattice spacings are consistent with those of the anatase TiO_2 crystalline structure (PDF no. 21-1272).

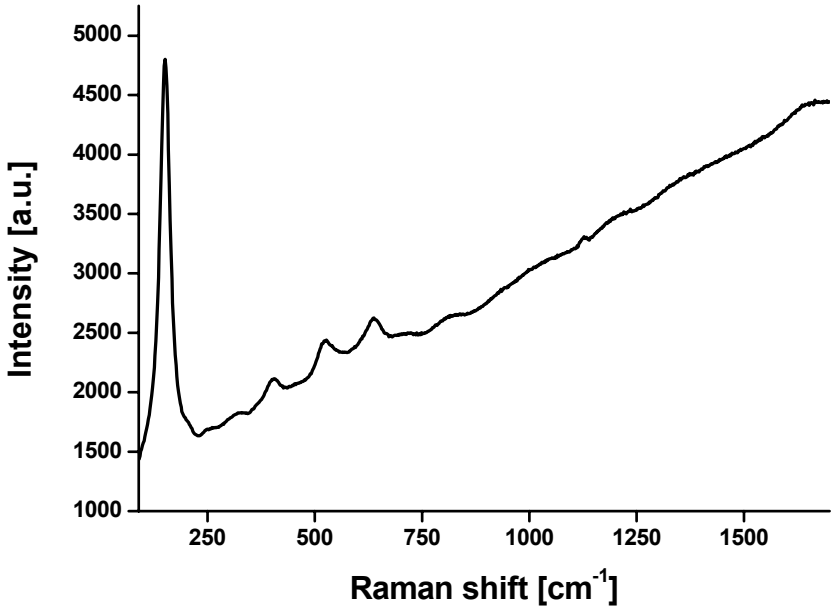

Figure S4. Raman spectrum of crystalline TiO_2 nanoribbons. Typical Raman vibration properties of anatase TiO_2 are shown. The peak of 1130 cm^{-1} is due to the glass substrate.