Forest-like TiO₂ hierarchical structures for efficient dye-sensitized solar cells

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Supplementary Graphics

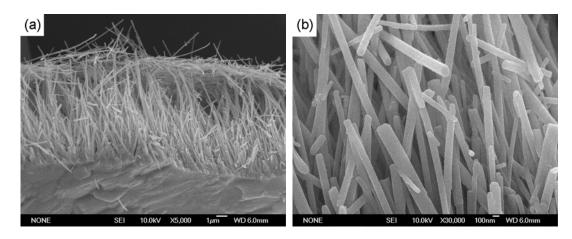


Fig. S1 SEM images of the $H_2Ti_2O_5$ · H_2O films without H_2SO_4 treatment.

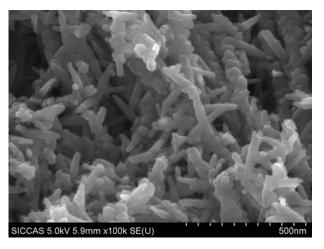


Fig. S2 High resolution SEM image of the nanoforest films after H₂SO₄ hydrothermal

treatment.

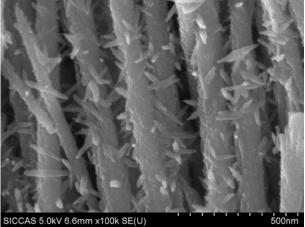


Fig. S3 High resolution SEM image of the nanoforest films obtained with H_2SO_4 corrosion on the heating holder in stead of hydrothermal reaction.

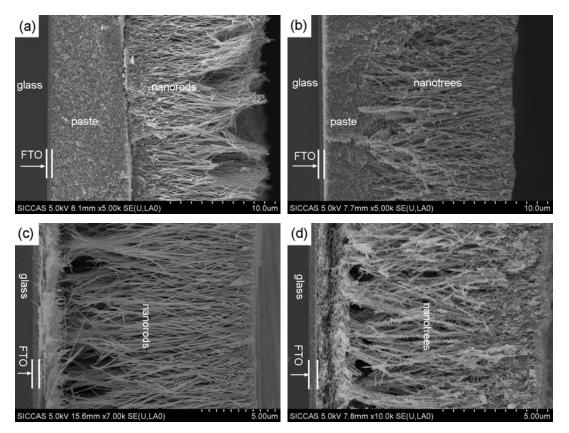


Fig. S4 SEM images of TiO₂ on FTO glasses (a) NR1, (b) NT1, (c) NR2, (d) NT2.

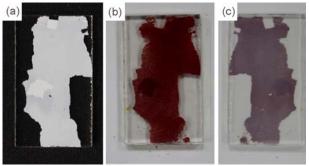


Fig. S5 Photographic images of the NT2 photoanodes (a) a sample after heat treatment, (b) the front of the sensitized photoanode, (c) the back of the sensitized photoanode.