

Electronic supplementary information

High Surface Area Electrospun Prickle-like Hierarchical Anatase TiO₂

Nanofibers for Dye-Sensitized Solar Cell Photoanodes

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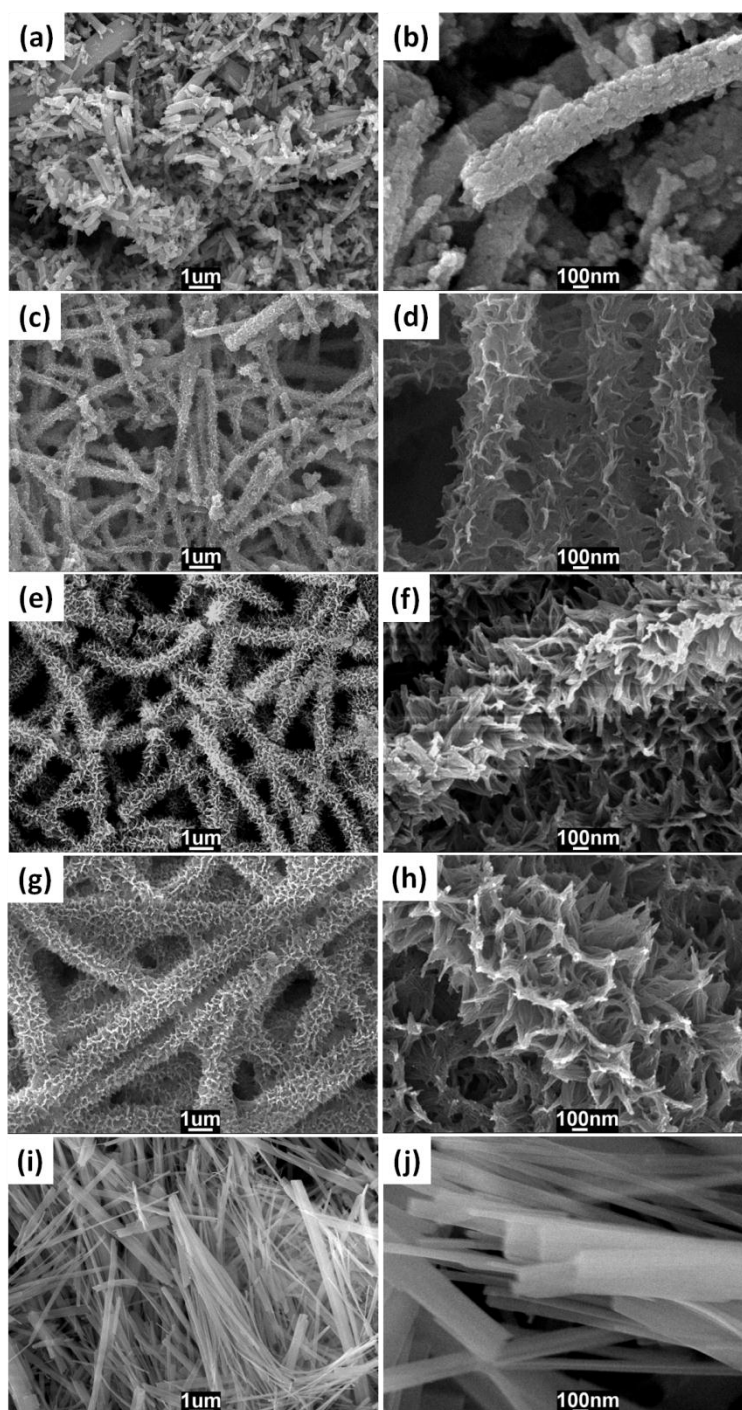


Fig. S1 FE-SEM surface images and magnification of the TiO_2 nanofibers obtained with 12 h hydrothermal reaction under various temperatures (a, b) 90 °C, (c, d) 110 °C, (e, f) 130 °C, (g, h) 150 °C (HTF) and (i, j) 170 °C.

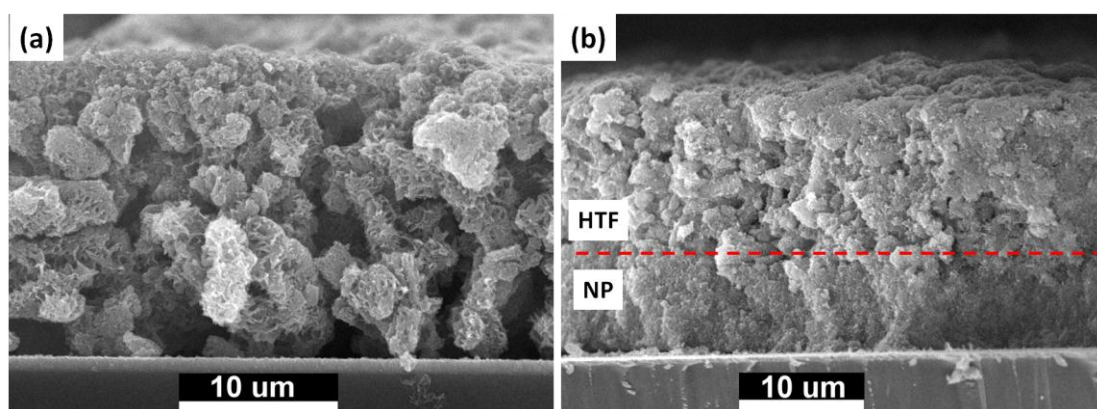


Fig. S2 FE-SEM cross-section images of photoanodes in (a) HTF-D and (b) BHTF-D.

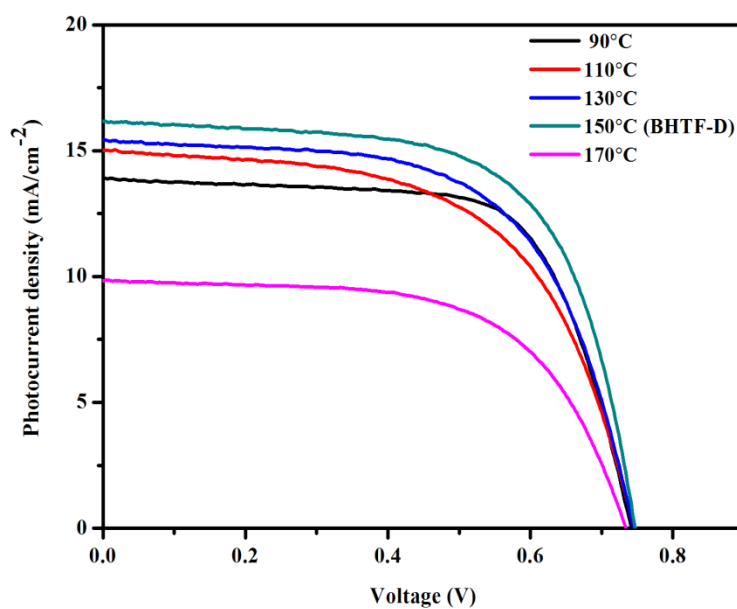


Fig. S3 *J-V* curves of the bi-layer photoanode-based DSSCs fabricated with the TiO₂ nanofibers obtained with 12 h hydrothermal reaction under various temperatures.