

Optimization of photoelectrochemical water splitting performance on hierarchical TiO₂ nanotubes array

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Fig. S1.

Fig. S2.

Fig. S3.

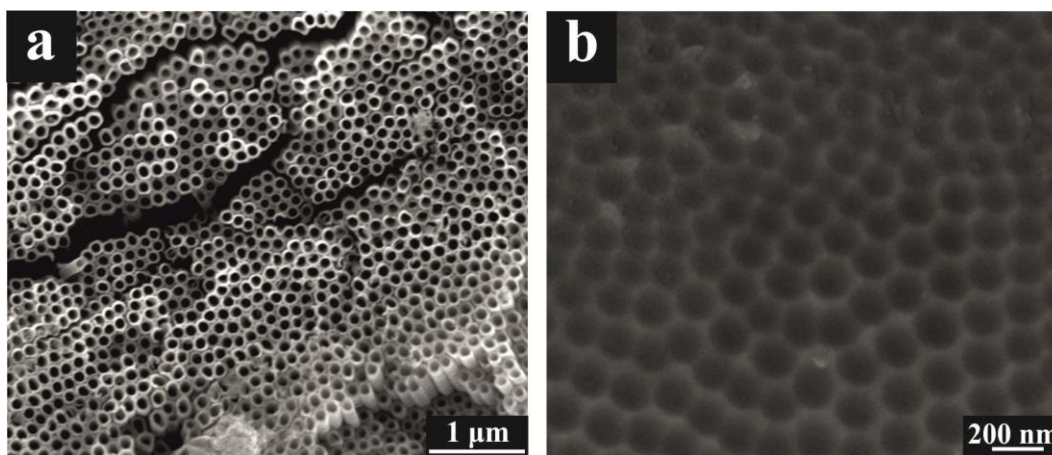


Fig. S1. (a) SEM image of the TiO₂ NTs sample synthesized using the conventional one-step anodization method; (b) Ti foil surface after ultrasonic removal of the NTs layer.

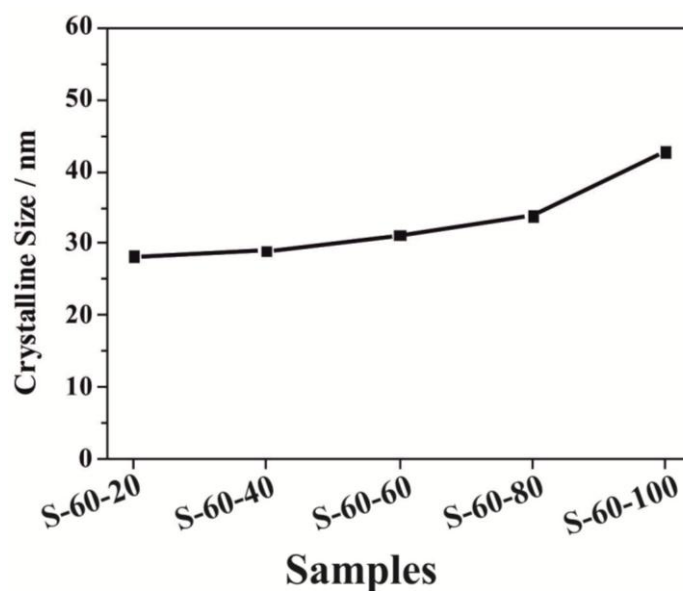


Fig. S2. Average crystallite sizes of hierarchical TiO₂ NTs.

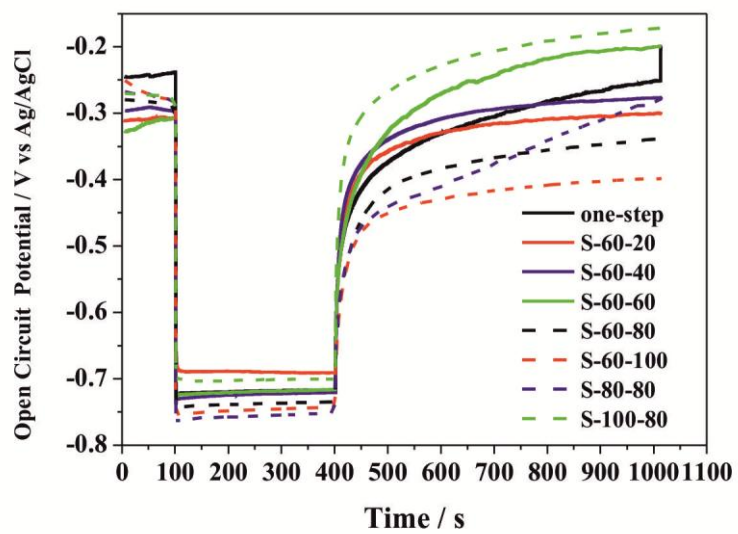


Fig. S3. Open circuit potential vs time profile of different hierarchical TiO₂ NTs.