

Optimizing the Prepared Condition of TiO₂ 1D/3D Network Structure Films to Enhance the Efficiency of Dye-Sensitized Solar Cells

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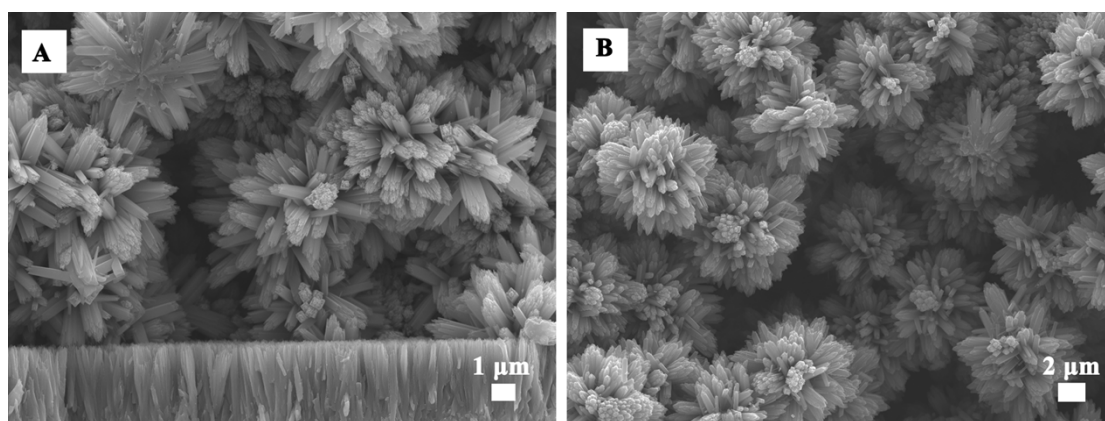


Figure 1s the FE-SEM images of TiO₂ 1D/3D nanorods

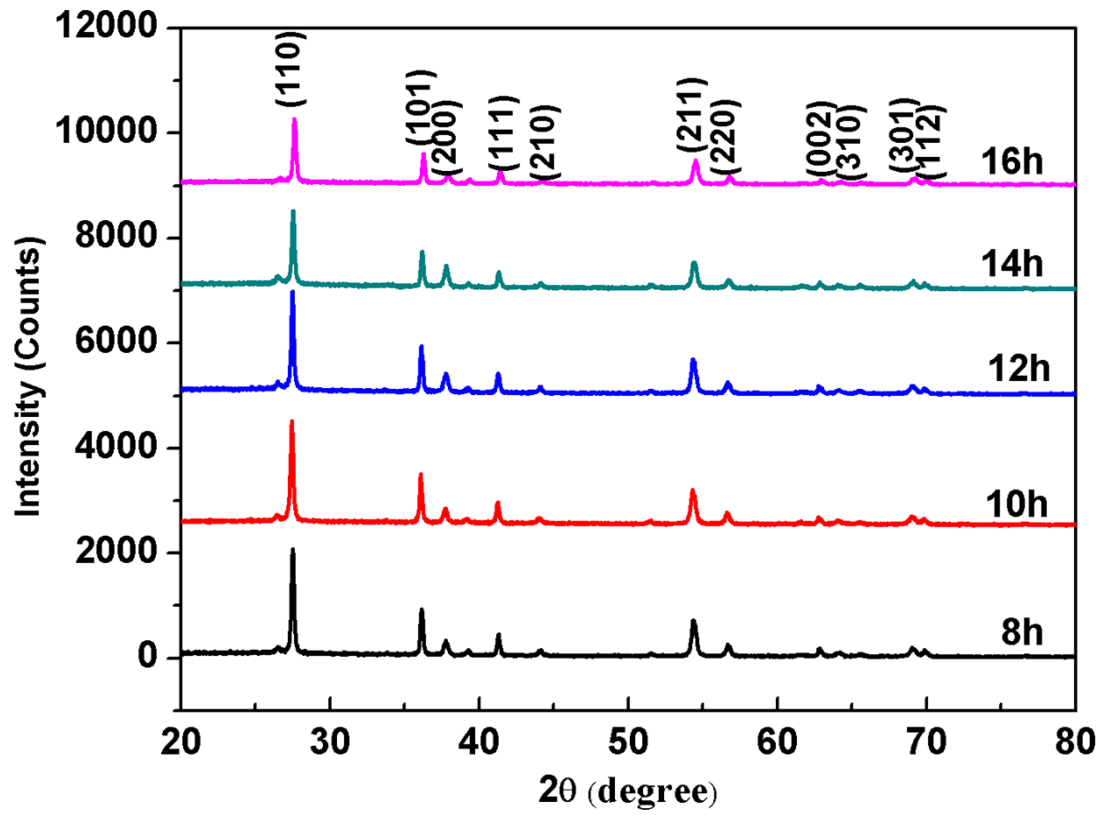


Figure 2s the X-ray diffraction pattern of TiO₂ network structure films etched for different times.

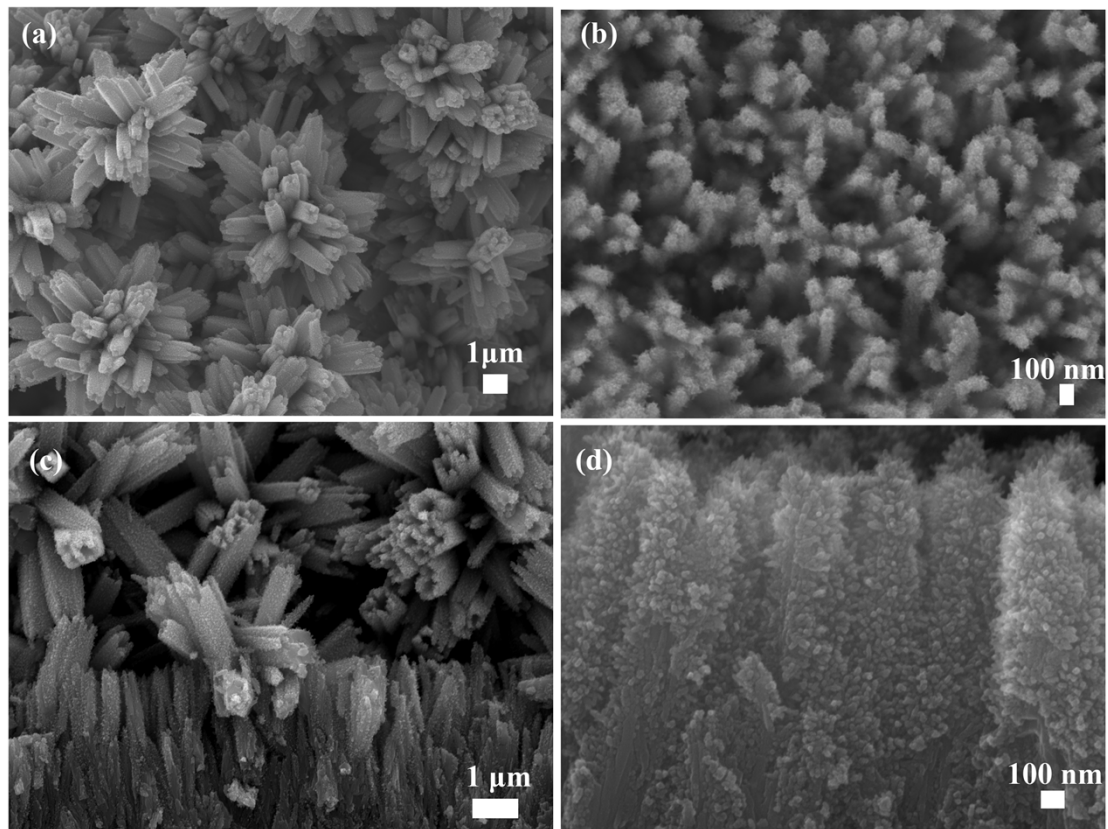


Figure 3s the top (a) and cross-sectional (c) views of TiO₂ network structures treated with TiCl₄ for 48 h. The corresponding plan (b) and cross-sectional (d) SEM of TiO₂ nanowire arrays on the bottom layer.