

Supporting Information

Surface Chemistry, Growth Mechanism of Highly Oriented, Single Crystalline TiO₂ Nanorods on Transparent Conducting Oxide Coated Glass Substrates

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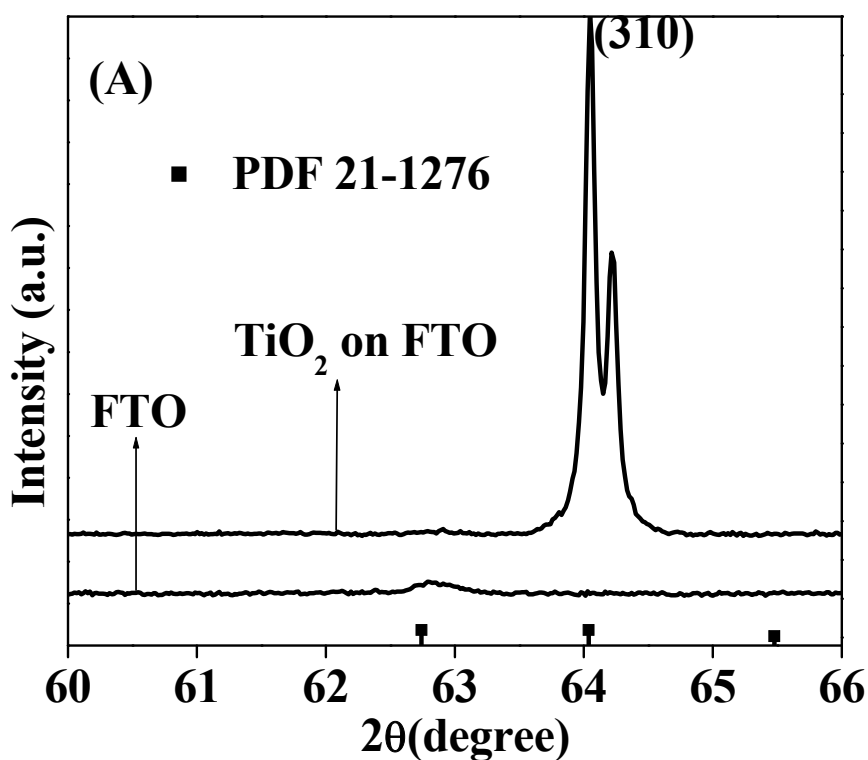


Figure S1: Zoom view of the XRD pattern of rutile TiO₂ nanorods grown on fluorine doped tin oxide (FTO).

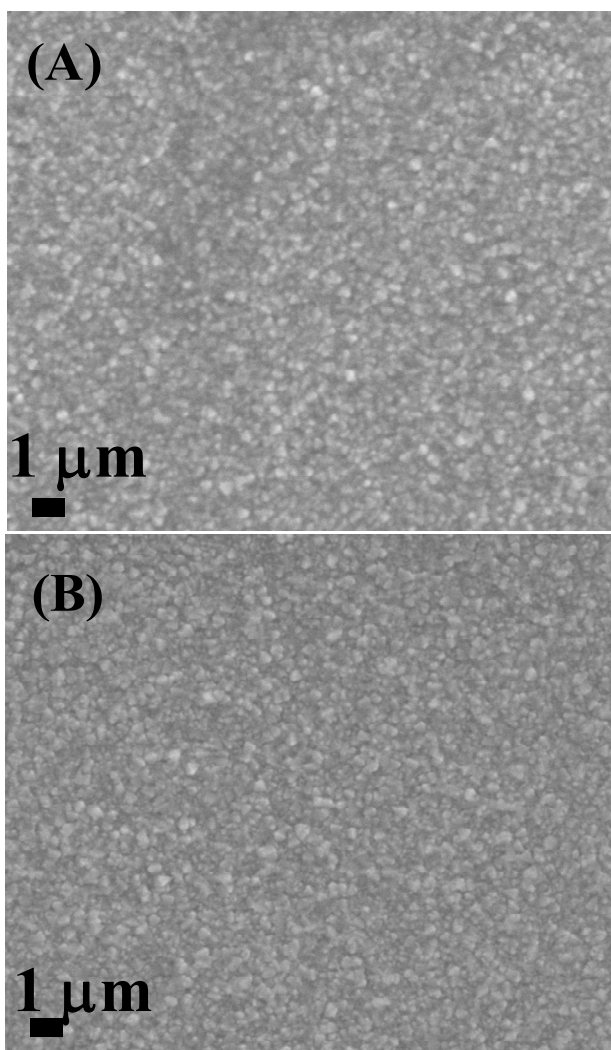


Figure S2: SEM images of (A) FTO substrate and (B) 10 nm Au coated FTO substrate.

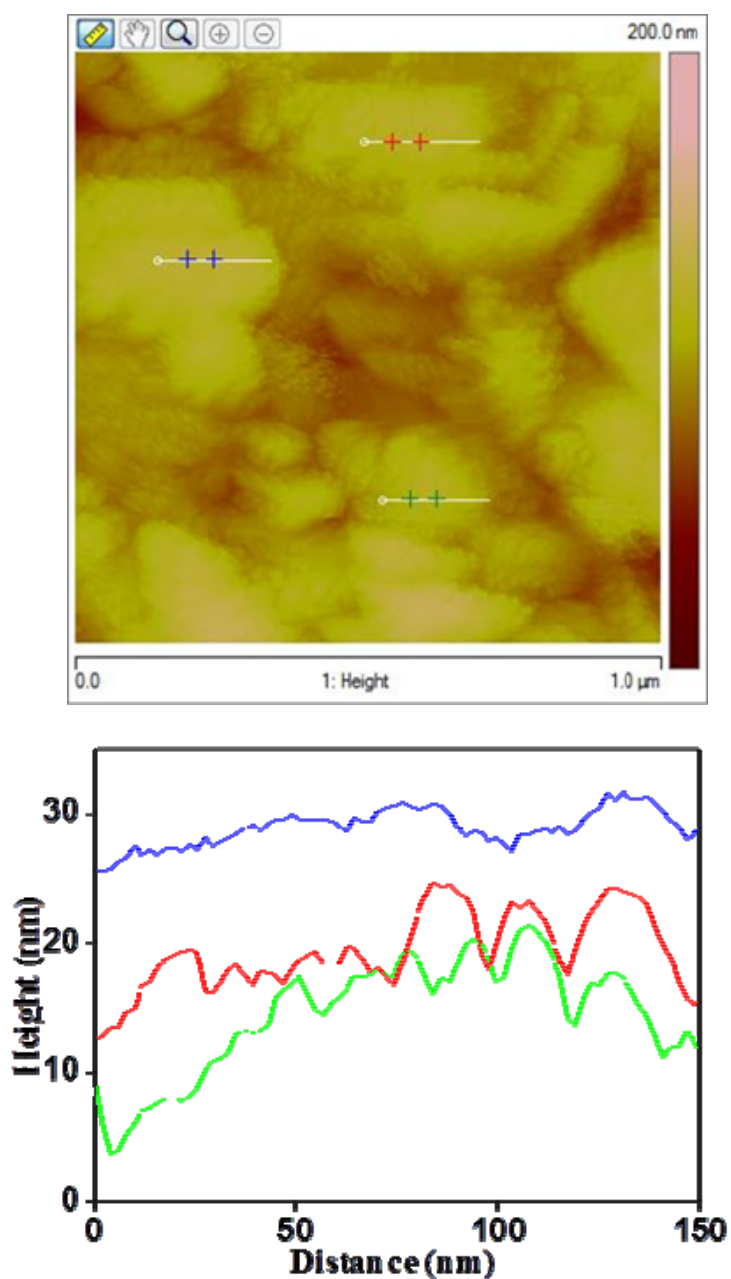


Figure S3: The top panel shows the STM height image on FTO substrate and the bottom panel shows the line scan analysis on the lines show in the top image. The respective line colors represent the marks in the top image where the analysis was done in top image.

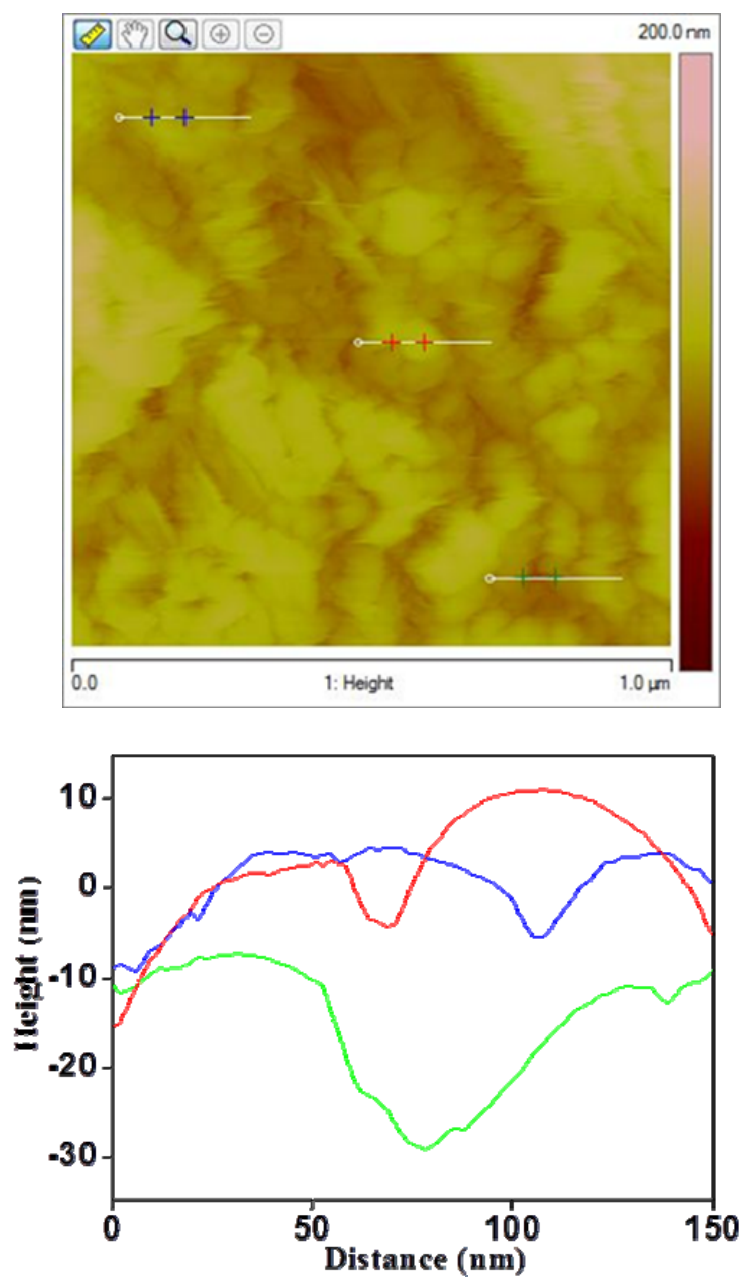


Figure S4: The top panel shows the STM height image on 10 nm Au-coated FTO substrate and the bottom panel shows the line scan analysis on the lines show in the top image. The respective line colors represent the marks in the top image where the analysis was done in top image.