

# Supplementary Materials: Nanocasting of Periodic Mesoporous Materials as an Effective Strategy to Prepare Mixed Phases of Titania

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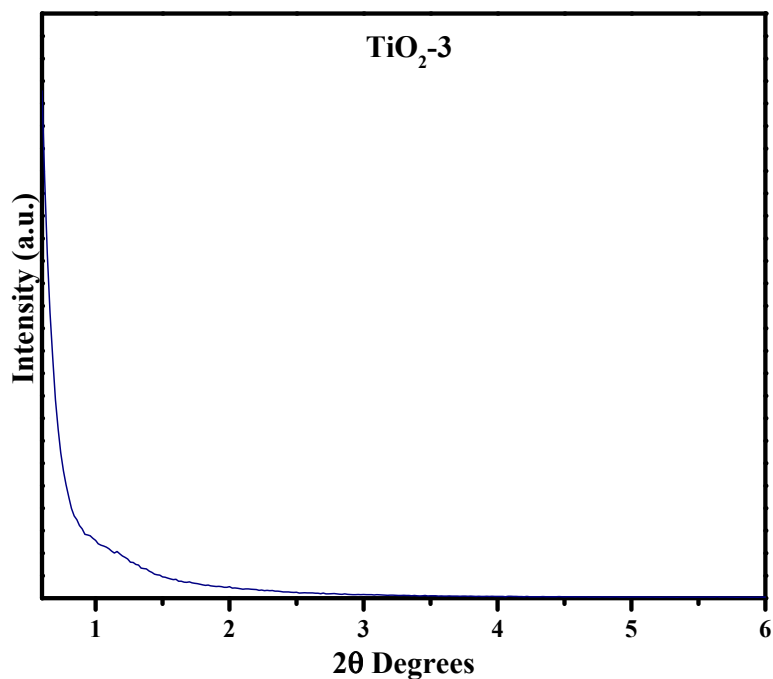


Figure S1. Low-angle powder X-ray diffraction of hard templated mesoporous TiO<sub>2</sub> using titanium ethoxide after three cycles of impregnation.

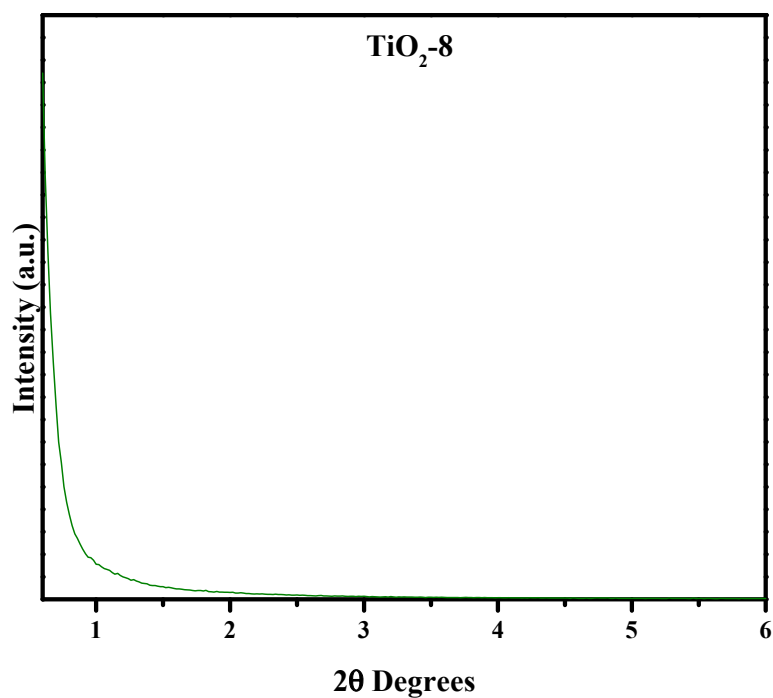
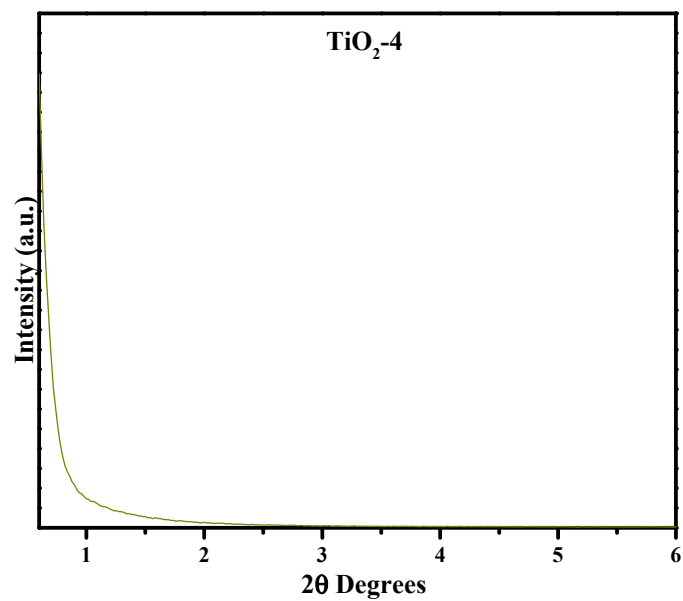
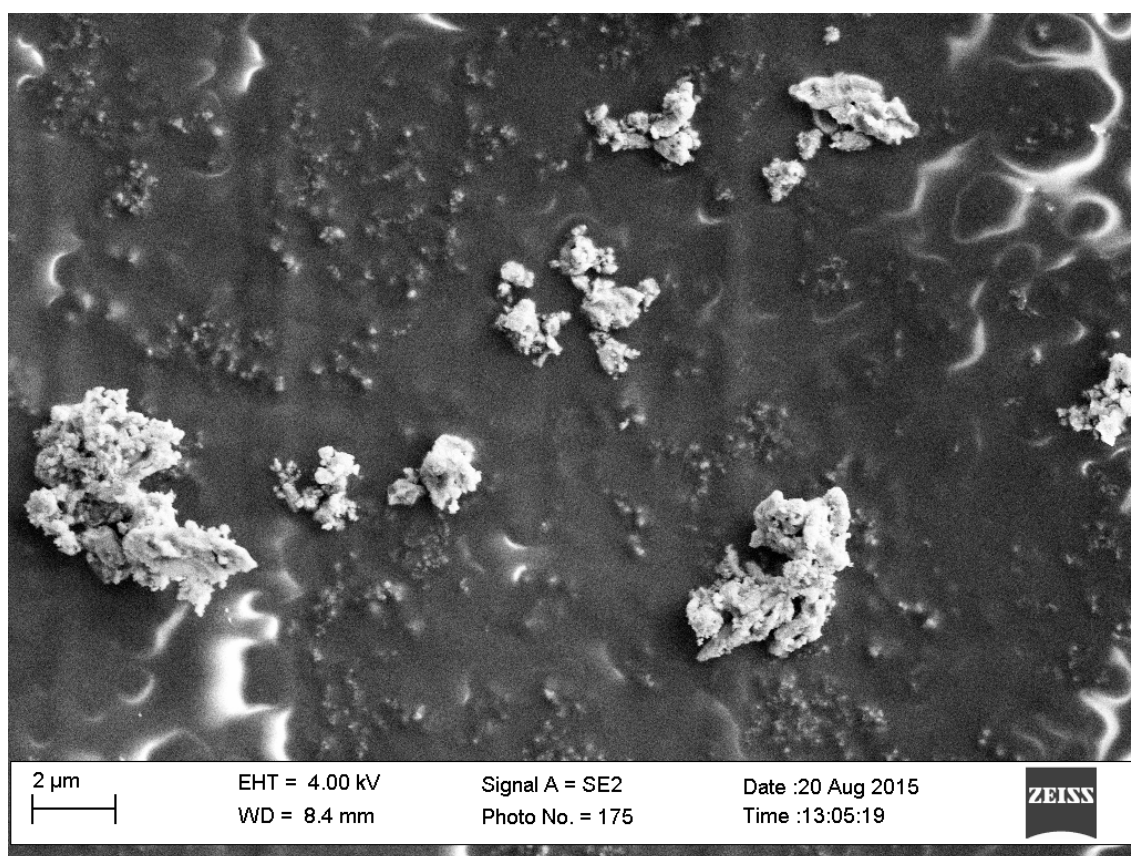


Figure S2. Low-angle powder X-ray diffraction of hard templated mesoporous TiO<sub>2</sub> using titanium ethoxide after eight cycles of impregnation.



**Figure S3.** Low-angle powder X-ray diffraction of hard templated mesoporous TiO<sub>2</sub> using titanium ethoxide after four cycles of impregnation.



**Figure S4.** SEM image of TiO<sub>2</sub>-3 hard templated-TiO<sub>2</sub> mesoporous material.

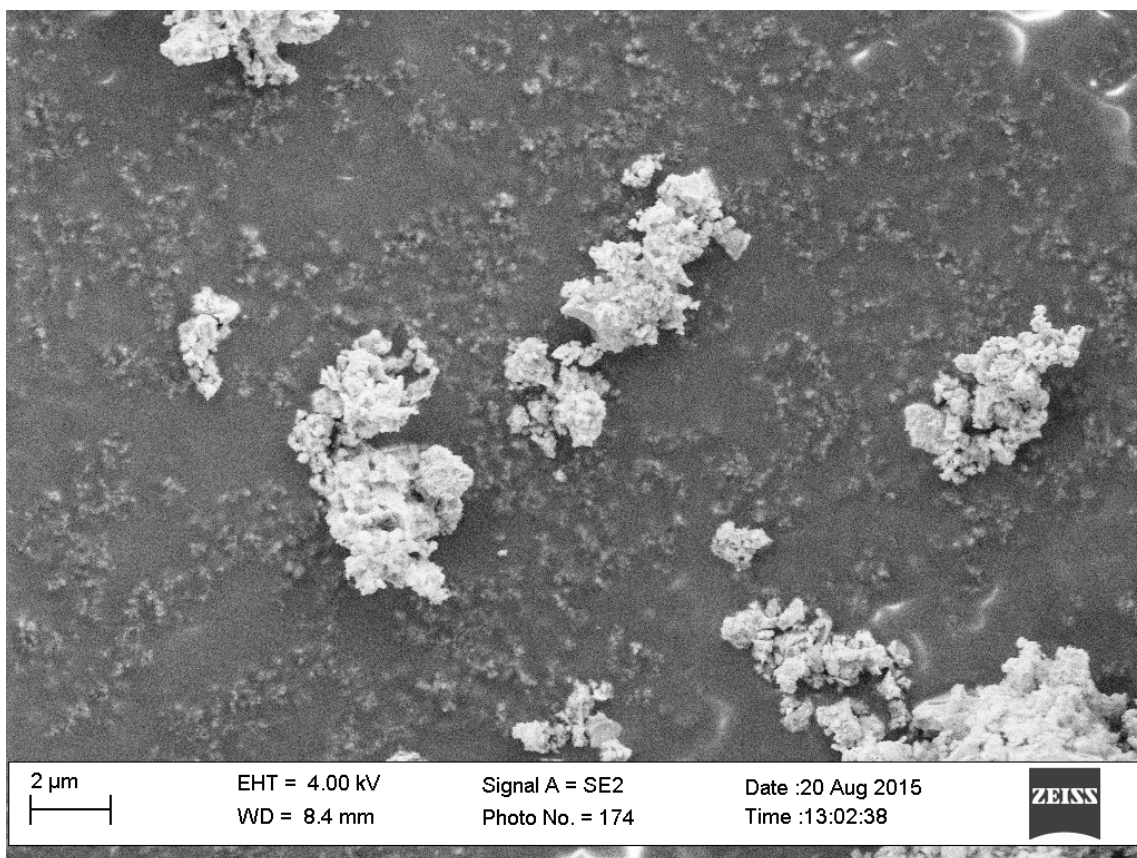


Figure S5. SEM image of  $\text{TiO}_2$ -4 hard templated- $\text{TiO}_2$  mesoporous material.

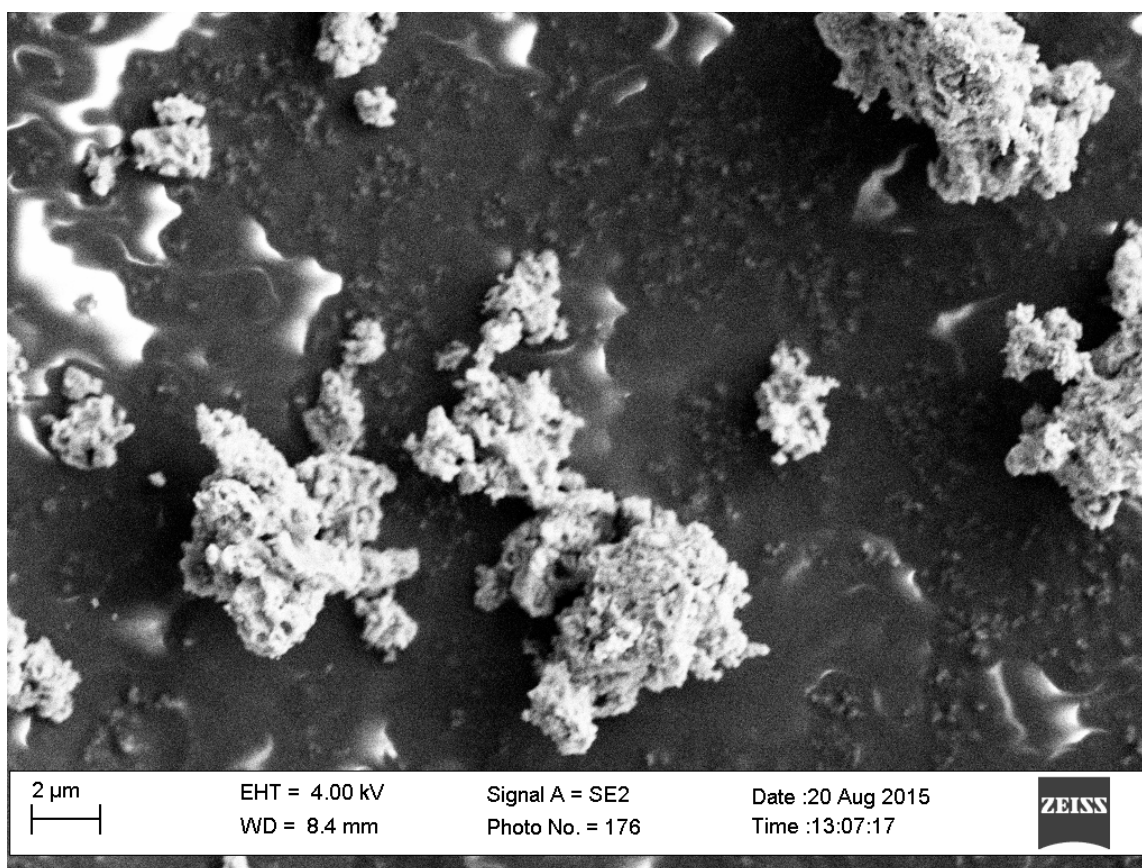


Figure S6. SEM image of  $\text{TiO}_2$ -8 hard templated- $\text{TiO}_2$  mesoporous material.