Pore-Wall Chemistry and Photocatalytic Activity of Mesoporous Titania Molecular Sieve Films

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Supporting Information

Figure Captions

Figure S1. Low-angle XRD pattern of the as-prepared TiO₂ film before heat treatment

Figure S2. N₂ adsorption-desorption isothermal (inset) and corresponding BJH pore-size distribution curve of the mesoporous TiO₂ films calcined at a) 400, b) 500 and c) 600 °C. The pore-size distribution was determined from the desorption branch of the isotherm.

Figure S3. High-resolution SEM images of the mesoporous TiO₂ thin films showing crack-free and homogeneous surface with little surface roughness. This result shows that the mesoporous TiO₂ thin films are monolith coatings without textural mesoporosity.

Figure S1.

Figure S2.

Figure S3.