Electronic Supplementary Material (ESI) for Physical Chemistry Chemical Physics.

Supplemental Information for

Thermal and photochemical reactions of methanol on nanocrystalline anatase TiO_2 thin films

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Additional XPS Results

XPS was used to characterize the TiO_2 thin film samples before and after the oxygen annealing treatment that was used for sample cleaning. Figures S1 (F(1s) spectra) and S2 (C(1s) spectra) show that the cleaning procedure was effective in removing both F and C from the surfaces of the TiO_2 nanocrystals.

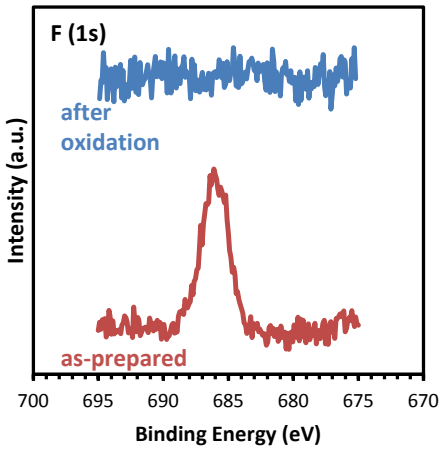

Figure S1. F(1s) XPS spectrum of as-prepared 18 nm A-TiO_2 thin film sample and following oxidation treatment.

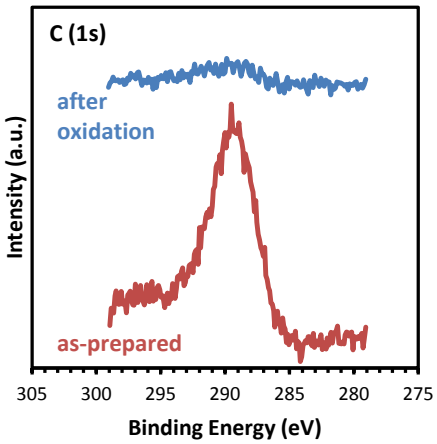

Figure S2. C(1s) XPS spectrum of as-prepared 18 nm A-TiO_2 thin film sample and following oxidation treatment.