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

Electronic Supplementary Information

In situ ATR-FTIR study of H_2O and D_2O adsorption on TiO_2 under UV irradiation

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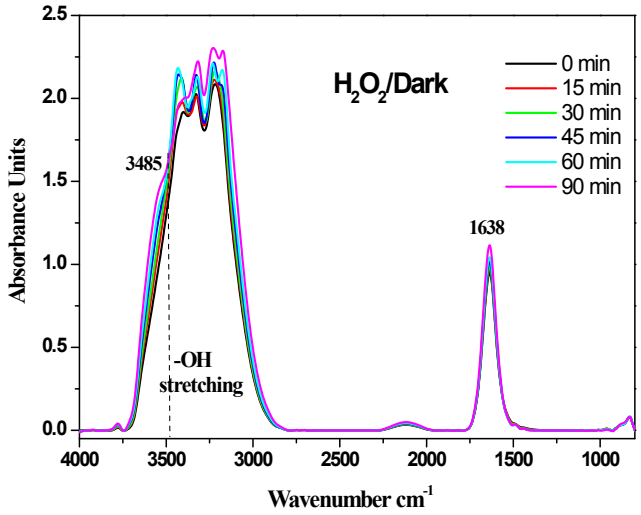

Figure S1. Spectrum of adsorption of H_2O_2 in the dark at different times

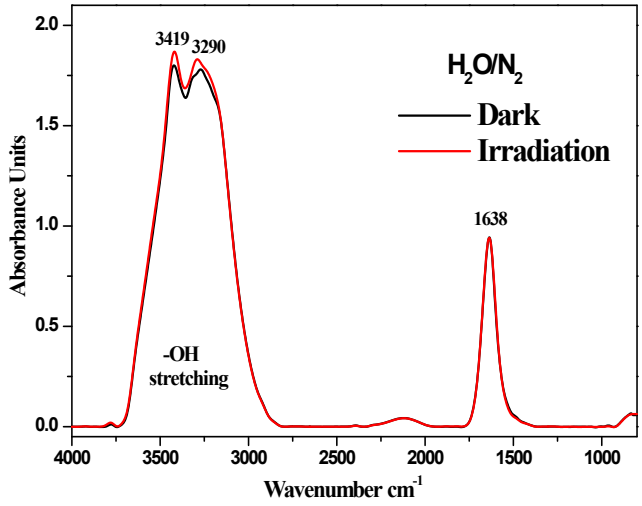

Figure S2. Adsorption of H_2O in the presence N_2 in the dark and under UV(A) illumination

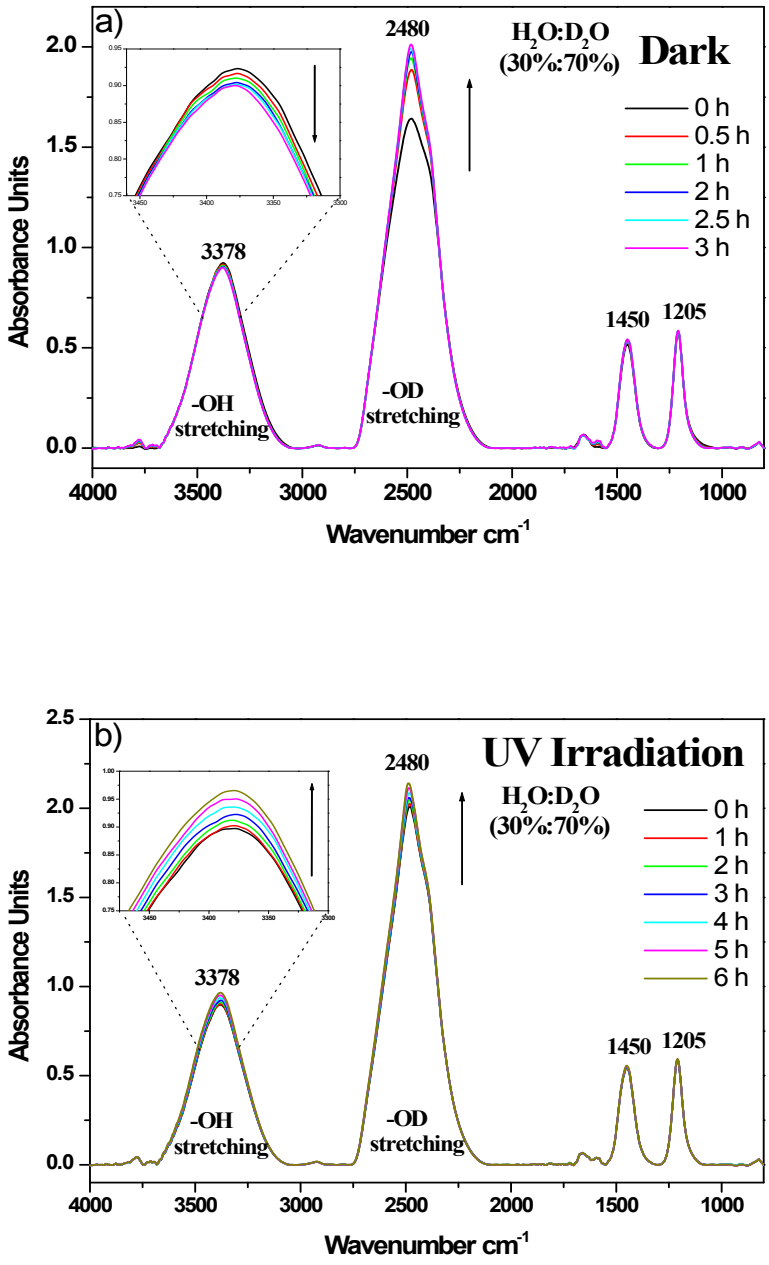

Figure S3. Time evolution of the ATR–FTIR spectra of an adsorbed mixture of H_2O:D_2O (30%:70%) in the presence of O_2 on TiO_2 a) in the dark for 3 h, b) under 6 h of UV(A) illumination.