SUPPLEMENTARY INFORMATION

Effect of thermal treatment on the photocatalytic behavior of TiO₂ supported on zeolites

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Figure S1: a) XRD profile of ZY-60, 10TZY-60 and 40TZY-60nc; b) XRD profile of MOR, 10TMORnc and 40TMORnc



Figure S2: N_2 isotherms of 10TMORnc and 40TMORnc



Figure S3. TiO_2 small crystals covering the surface of the zeolite crystals in sample 10TZY60nc. These images are systematically observed in all the samples.



Figure S4: Color variation during the photocatalytic reaction: A) 10 ppm MO, B) 10 ppm MO +0.5 g 40TZY-60nc, C) 10 ppm MO + 0.5 g 40TZY-60nc + 10 min UV light irradiation



Figure S5: UV-Vis absorbance of MO using TiO₂nc and 10TZY-60nc at different reaction time.



Figure S6: UV-Vis absorbance using10TZY-60nc at different cycles.

