SUPPLEMENTARY INFORMATION

Effect of thermal treatment on the photocatalytic behavior of TiO$_2$ 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: \( \text{N}_2 \) 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 TiO$_2$nc and 10TZY-60nc at different reaction time.
Figure S6: UV-Vis absorbance using 10TZY-60nc at different cycles.