

# Synthesis, characterization, and NH<sub>3</sub>-SCR catalytic performance of Fe-modified MCM-36 intercalated with various pillars

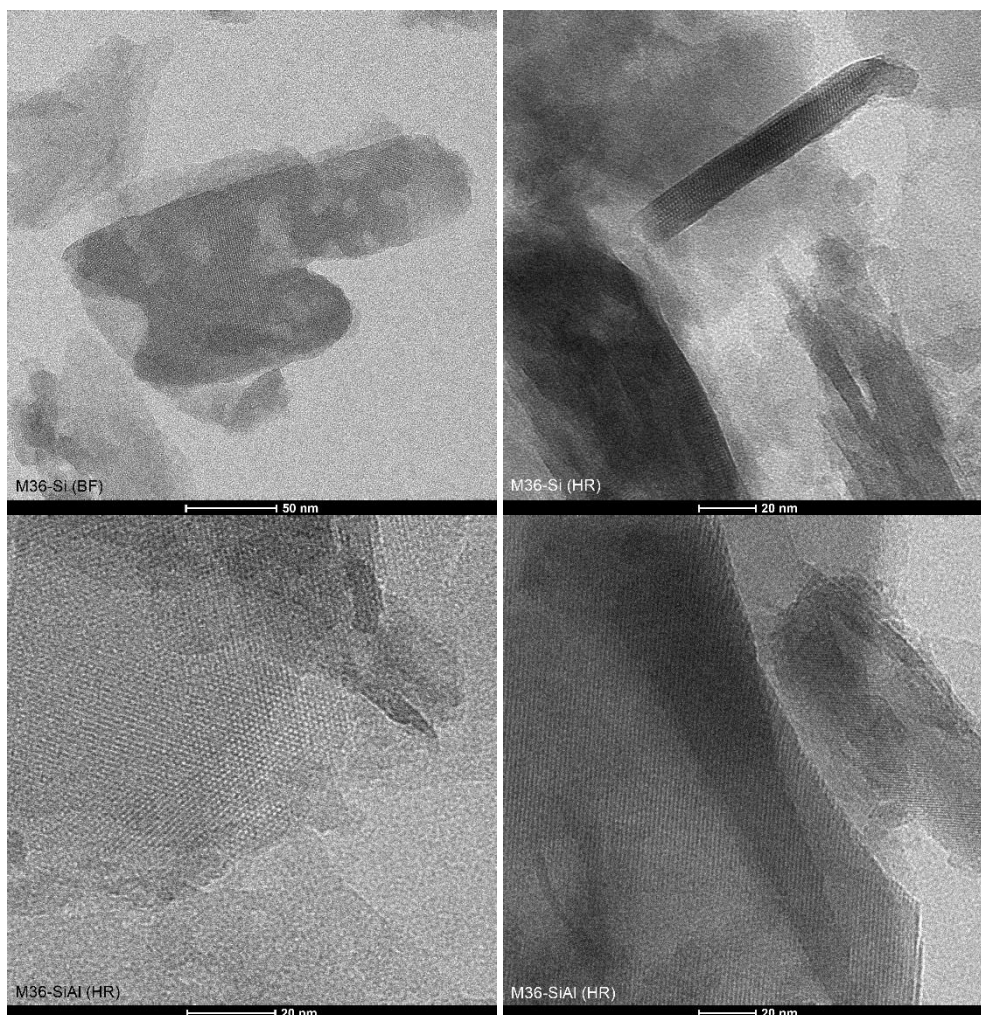
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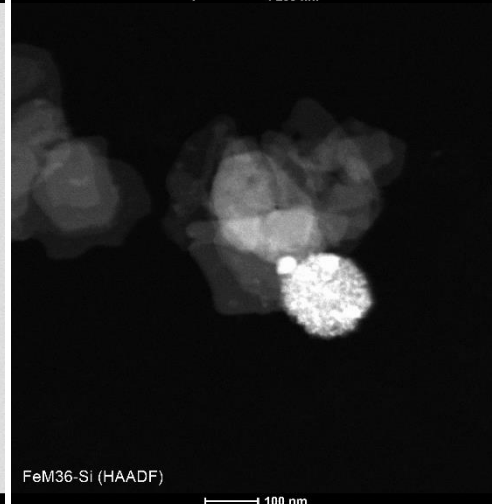
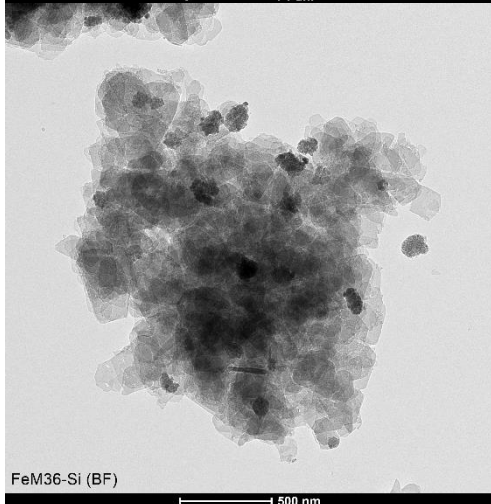
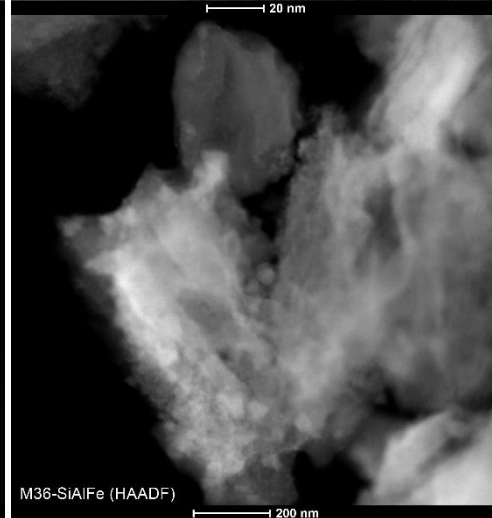
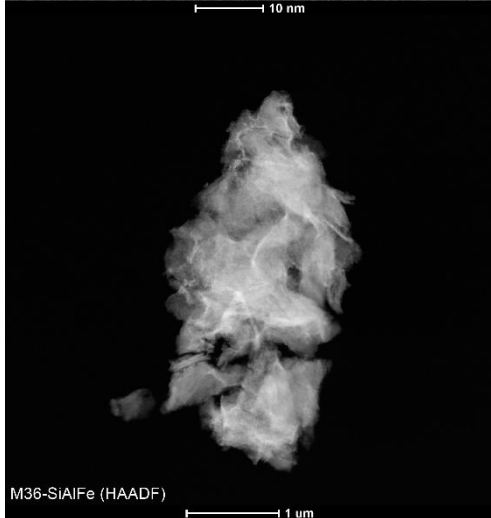
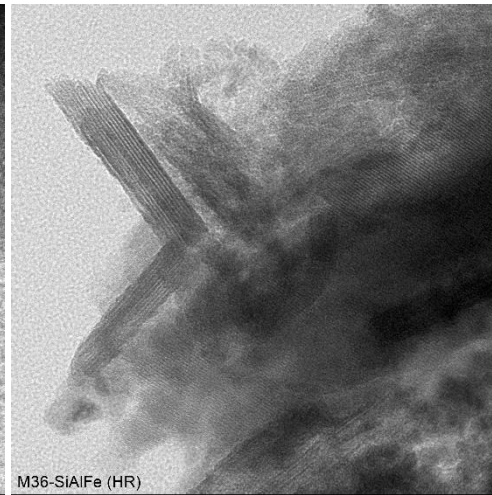
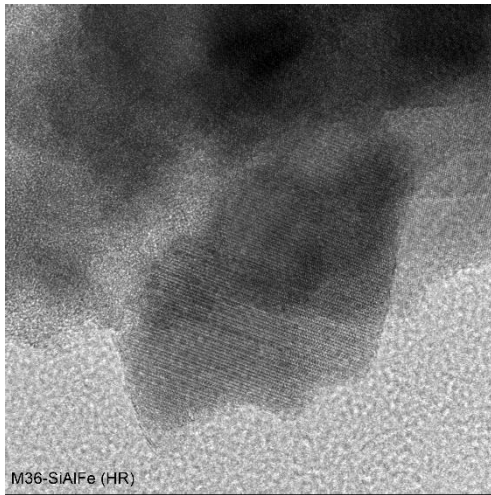
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## Supplementary material





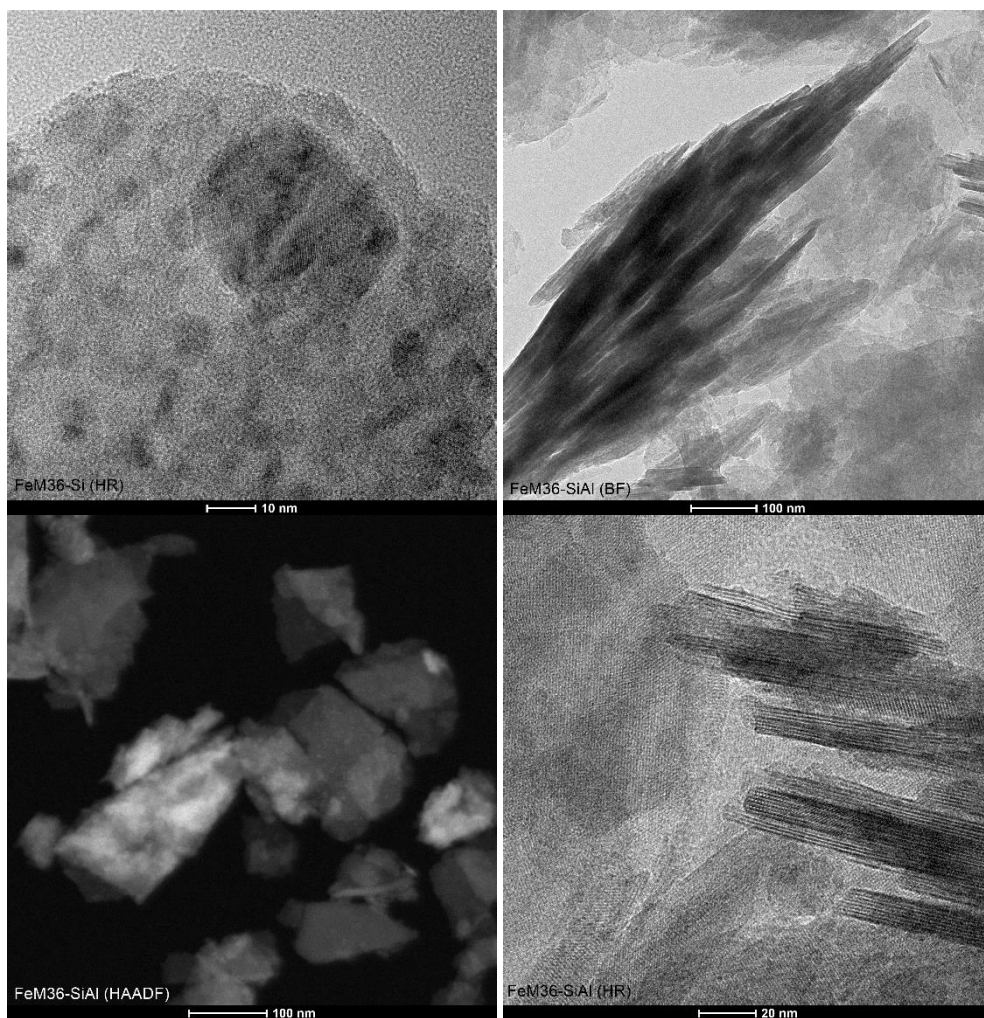


Figure S1. TEM images of the samples recorded in various modes.

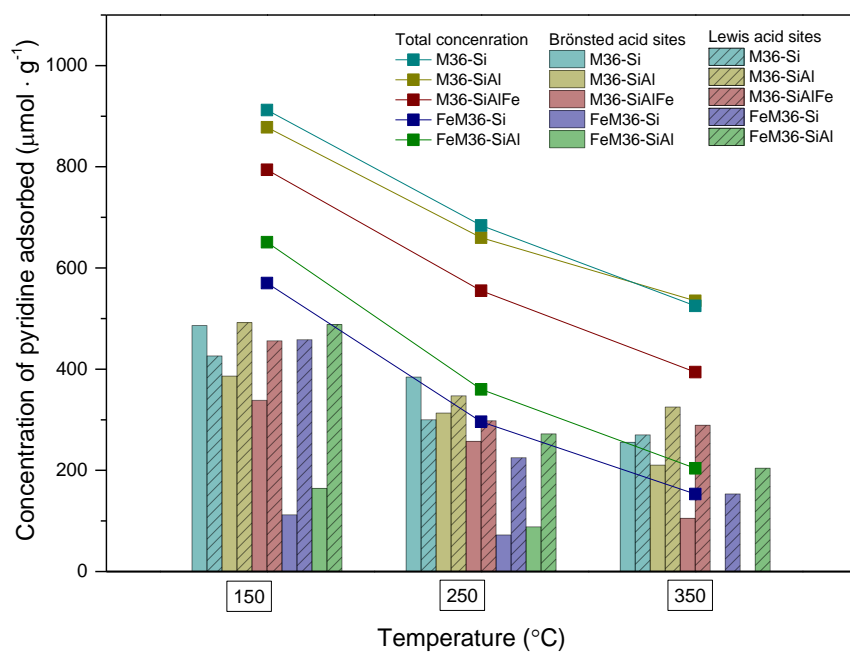


Figure S2. Changes in the concentration of pyridine adsorbed on the acid centers of the materials at 150, 250, and 350 °C.

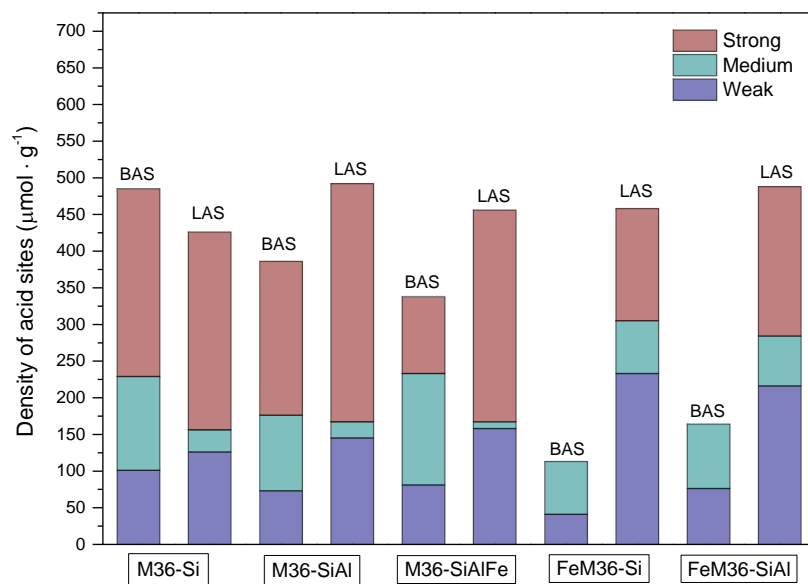


Figure S3. Densities of Brönsted (BAS) and Lewis (LAS) acid sites in relation to their strength: strong, medium, weak (calculated from Py-IR spectra recorded at 350 °C, within 250-350 °C, and within 150-250 °C, respectively).