

Energy Transfer between Confined Dye and Surface Attached Au Nanoparticles of Mesoporous Silica

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Supplementary Information

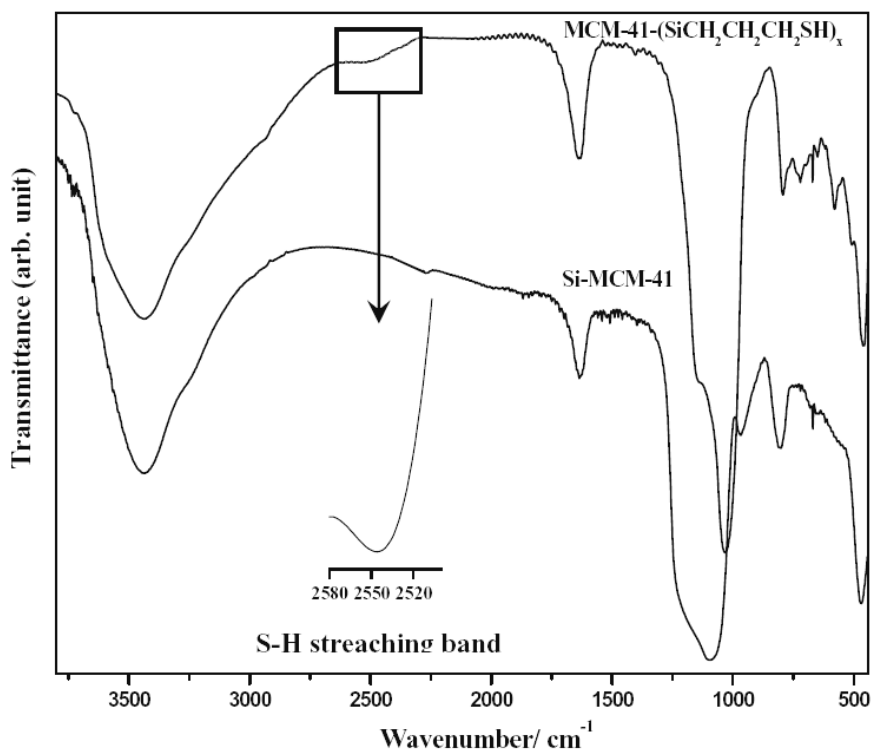


Figure S1. IR spectra of Si-MCM-41 and MCM-41-(SiCH₂-CH₂CH₂SH)_x.

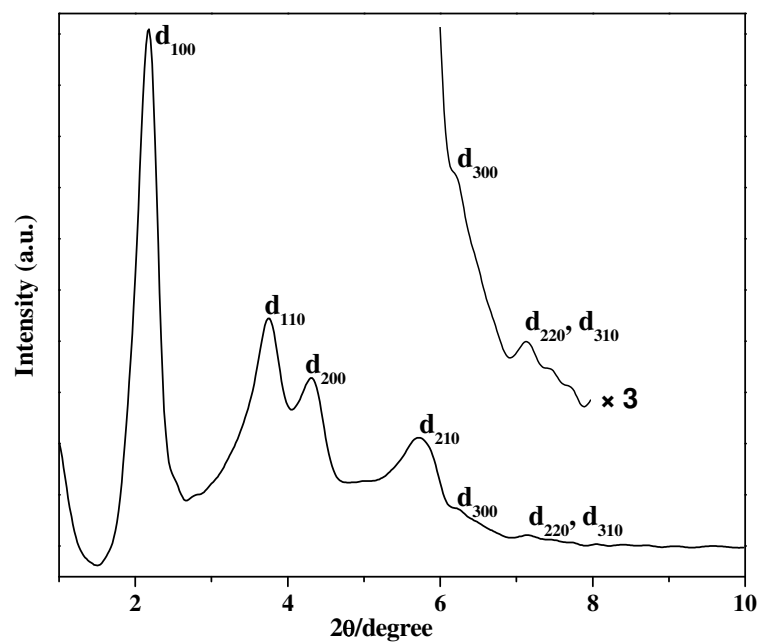


Figure S2. Small angle X-ray diffraction pattern of MCM-41.

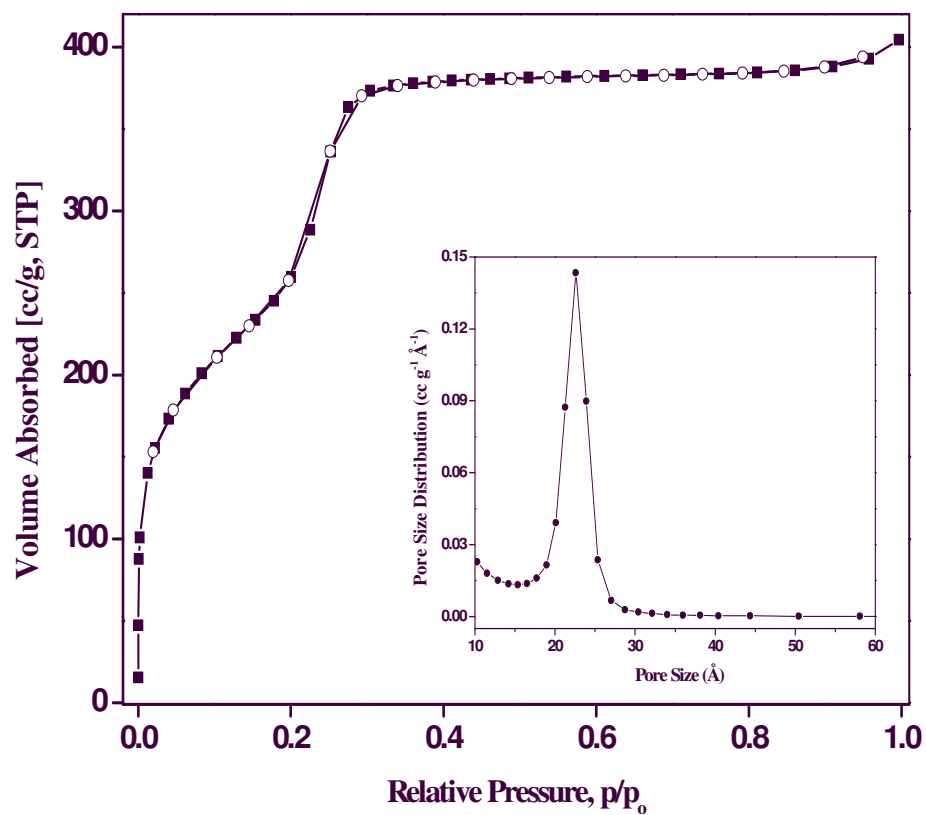


Figure S3. N₂ adsorption/desorption isotherms of Si-MCM-41. Adsorption points are marked by filled square, and that for desorption ones are by open circles. Pore size distribution has been shown in the inset.