Supporting Information for Inorganic Chemistry

# Fabrication of Porous Cubic Architecture of ZnO Using Zn-terephthalate MOFs with Characteristic Microstructures

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## FT-IR spectra of the MOF-5 crystals

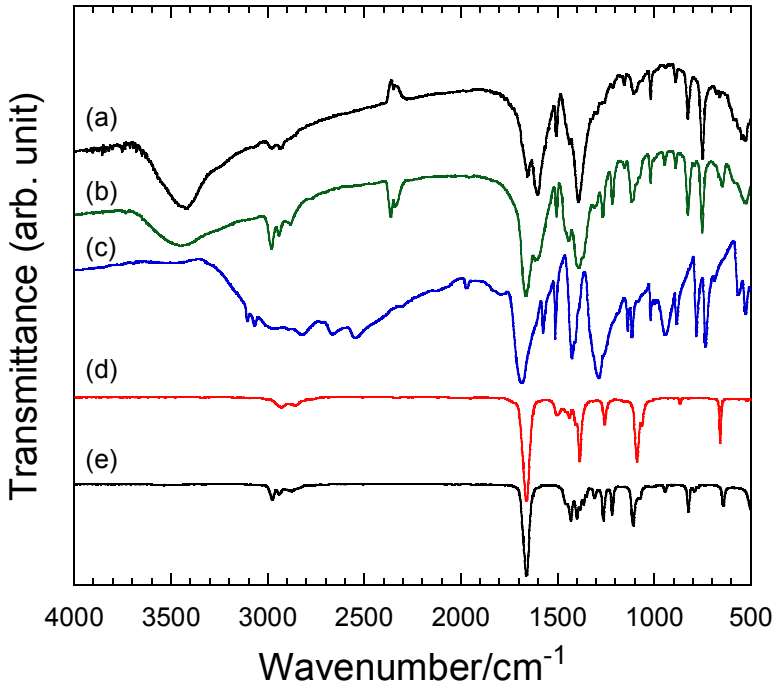


**Figure S1.** FT-IR spectra of the products obtained from (a) the DMF and (b) the DEF solution with the duration of 3 h. Spectra of (c) terephthalic acid, (d) DMF, and (e) DEF are also shown for comparison.

**FT-IR spectra of the ZnO particles**

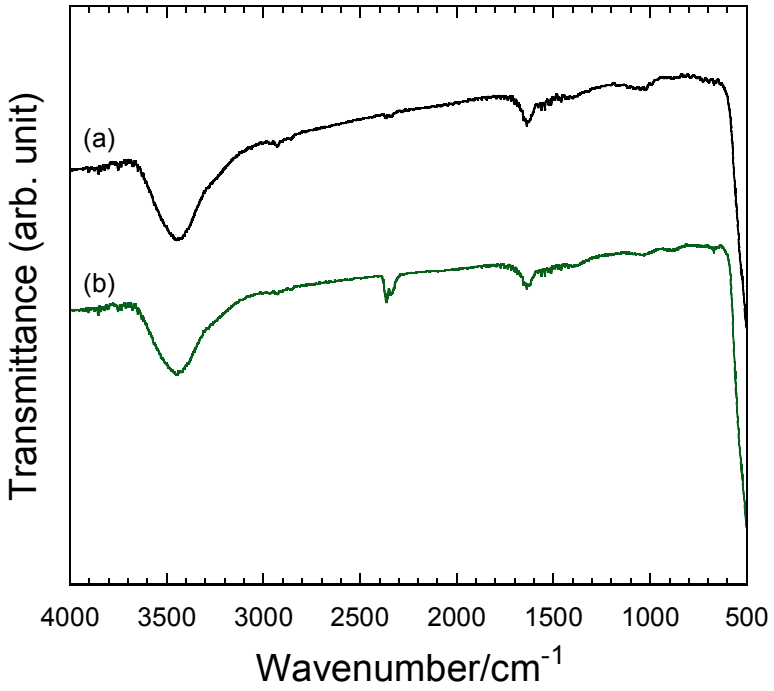


**Figure S2.** FT-IR spectra of the ZnO particles obtained by heating the MOF-5 crystals from (a) the DMF and (b) the DEF solution at 500 ºC for 0.5 h.