

Continuous-Flow Hydrogenation of Methyl Levulinate Promoted by Zr-Based Mesoporous Materials

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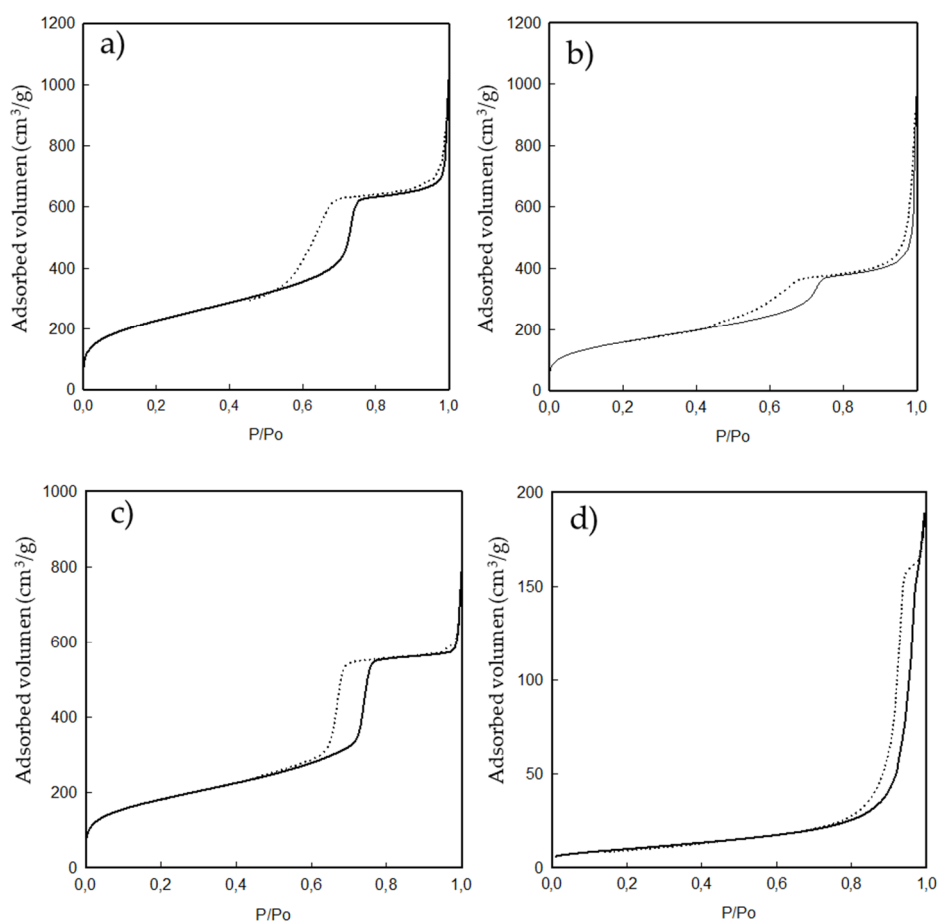


Figure 1. Nitrogen adsorption-desorption plots for the materials: (a) Zr-SBA-15(10), (b) $\text{ZrO}_2/\text{Si-SBA-15}$, (c) Zr-SBA-15(20), (d) $\text{ZrO}_2(\text{m})$.

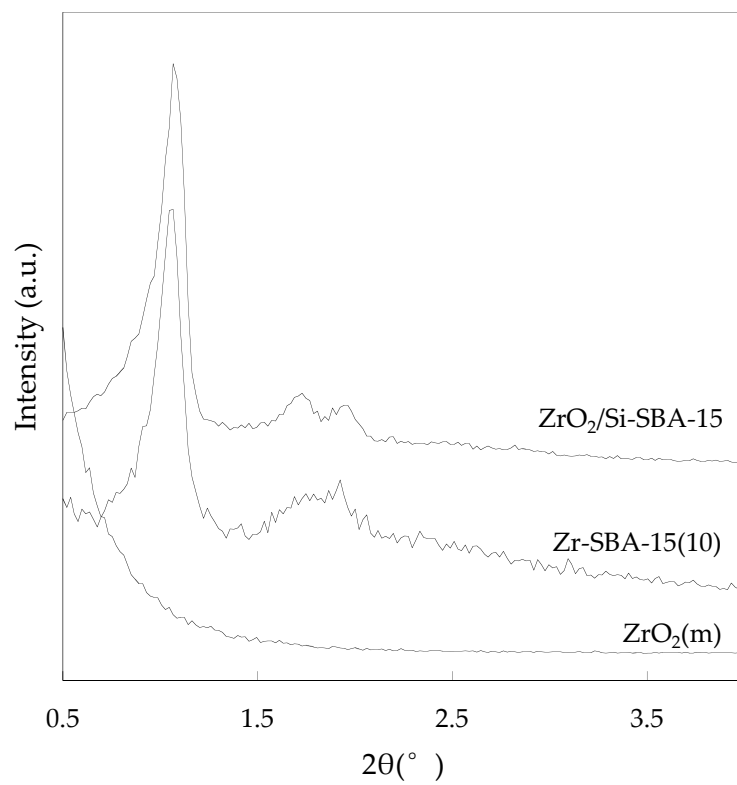


Figure 2. Low-angle XRD for selected materials: ZrO₂/Si-SBA-15, Zr-SBA-15(10), ZrO₂(m). Characteristics diffraction lines (100), (110), (200) corresponding with hexagonal arrangement are shown for SBA-15 materials.