Supporting information



Figure 1S. XRD powder patterns of calcined NbSBA-15 materials prepared with different pH values [(a) NbSBA-15(2.2_{pH}) and (b) NbSBA-15(1.6_{pH})] (Ref. 28).



Figure 2S. Nitrogen adsorption isotherms of calcined NbSBA-15 materials prepared with different pH values [(a) NbSBA-15(1.6_{pH}) and (b) NbSBA-15(2.2_{pH})] (Ref. 28).



Figure 3S. UV-vis DR spectra of calcined NbSBA-15 materials prepared with different pH values [(a) NbSBA-15(1.6_{pH}), (b) NbSBA-15(1.8_{pH}), (c) NbSBA-15(2_{pH}), and (d) NbSBA-15(2.2_{pH})]. (Ref. 28).



Figure 4S. XPS patterns of NbSBA-15(xpH) materials prepared with different pH values [(a) NbSBA-15(2.2_{pH}) and (b) NbSBA-15(1.6_{pH})] (Ref. 28).



Figure 5S. SEM micrograph of calcined hexagonal mesoporous NbSBA-15(2.2_{pH}) obtained on a JEOL JSM-6700F microscope (Ref. 28).



Figure 6S. TEM micrographs of calcined hexagonal mesoporous NbSBA-15(2.2_{pH}) obtained on a JEOL 2010 electron microscope (Ref. 28).

Reference

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