Electronic Supplementary Information for

Size dependence of silver nanoparticles in carboxylic acid functionalized mesoporous silica SBA-15 for catalytic reduction of 4-nitrophenol

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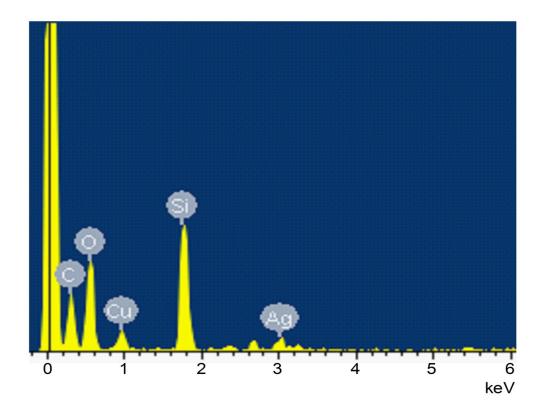


Fig. S1. EDS of Ag(0.3)@SBA-15-(10).

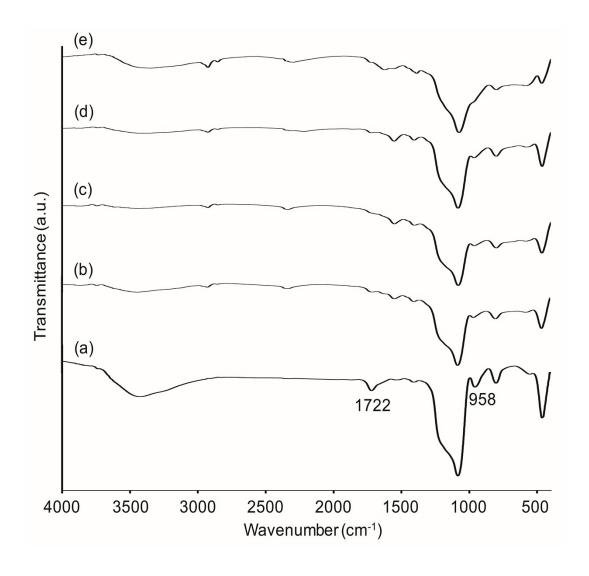


Fig. S2. FTIR spectra of Ag(y)@SBA-15-(x), where (y, x) = (a) (0, 10), (b) (0.3, 10), (c) (0.6, 10), (d) (0.9, 10), and (e) (1.5, 10).

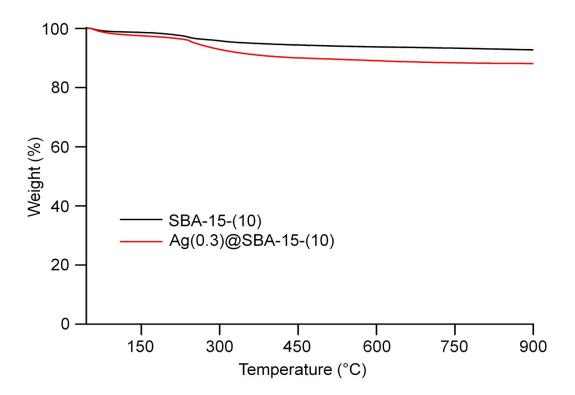


Fig. S3. TGA curves of SBA-15-(10) and Ag(0.3)@SBA-15-(10).

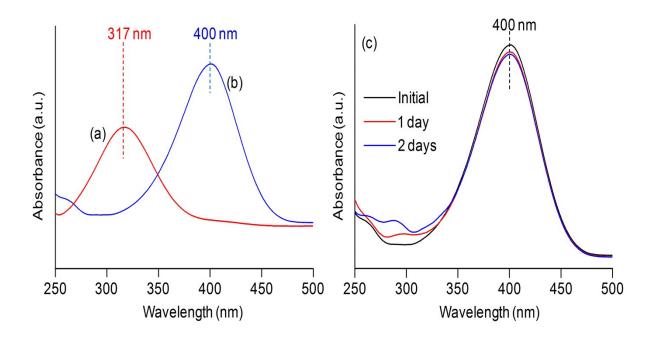


Fig. S4. UV–Vis spectra of the successive reduction of 4-NP (a) before and (b) after addition of NaBH₄, and (c) SBA-15-(0).