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Supporting Information

Effect of Calcination on the Structure and Catalytic Activities of Titanium Incorporated SBA-15

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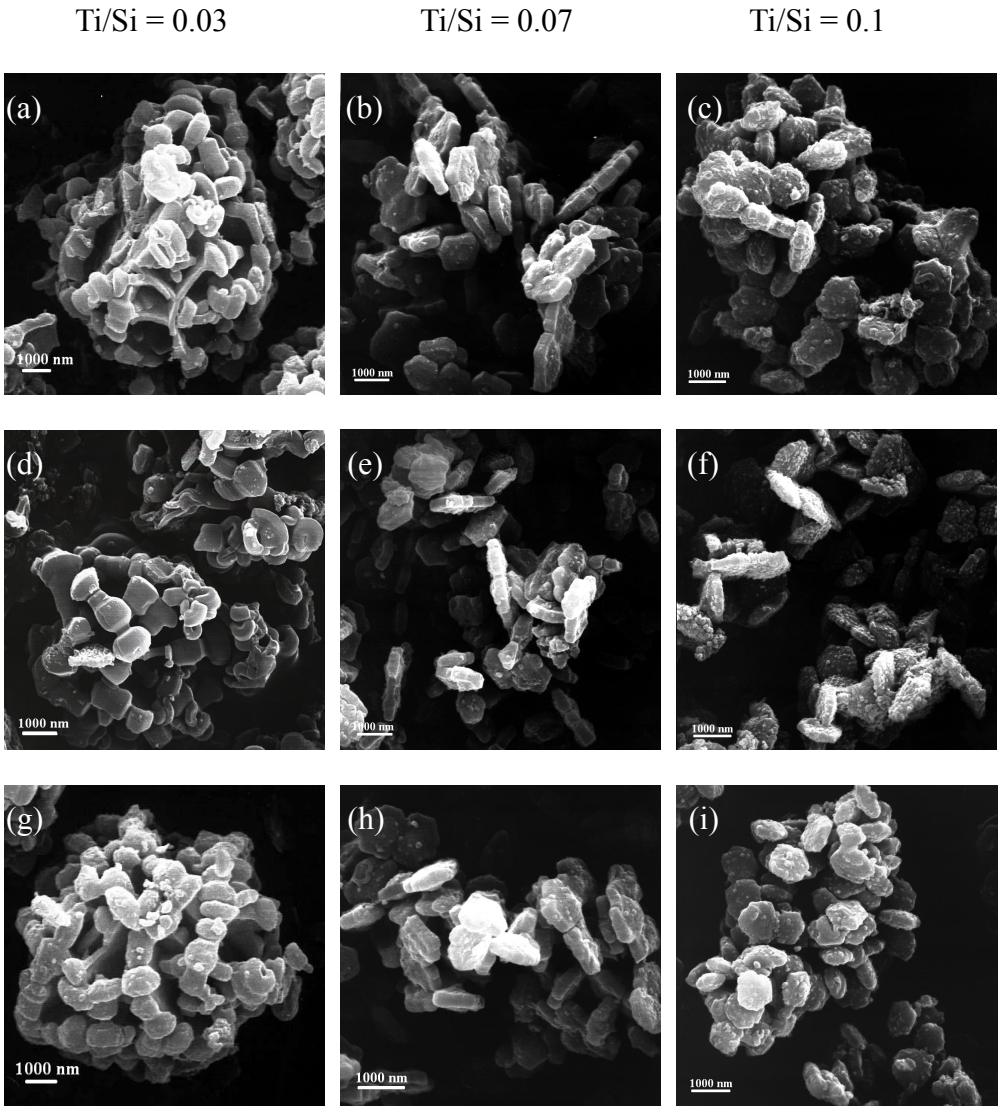

Fig. S1. SEM photographs of the (a,b,c) 800 ^{o}C, (d,e,f) 900 ^{o}C, and (g,h,i) 1000 ^{o}C calcined Ti–SBA–15 materials with various Ti/Si ratios of (a, d, g) 0.03, (b, e, h) 0.07, and (c, f, i) 0.1.

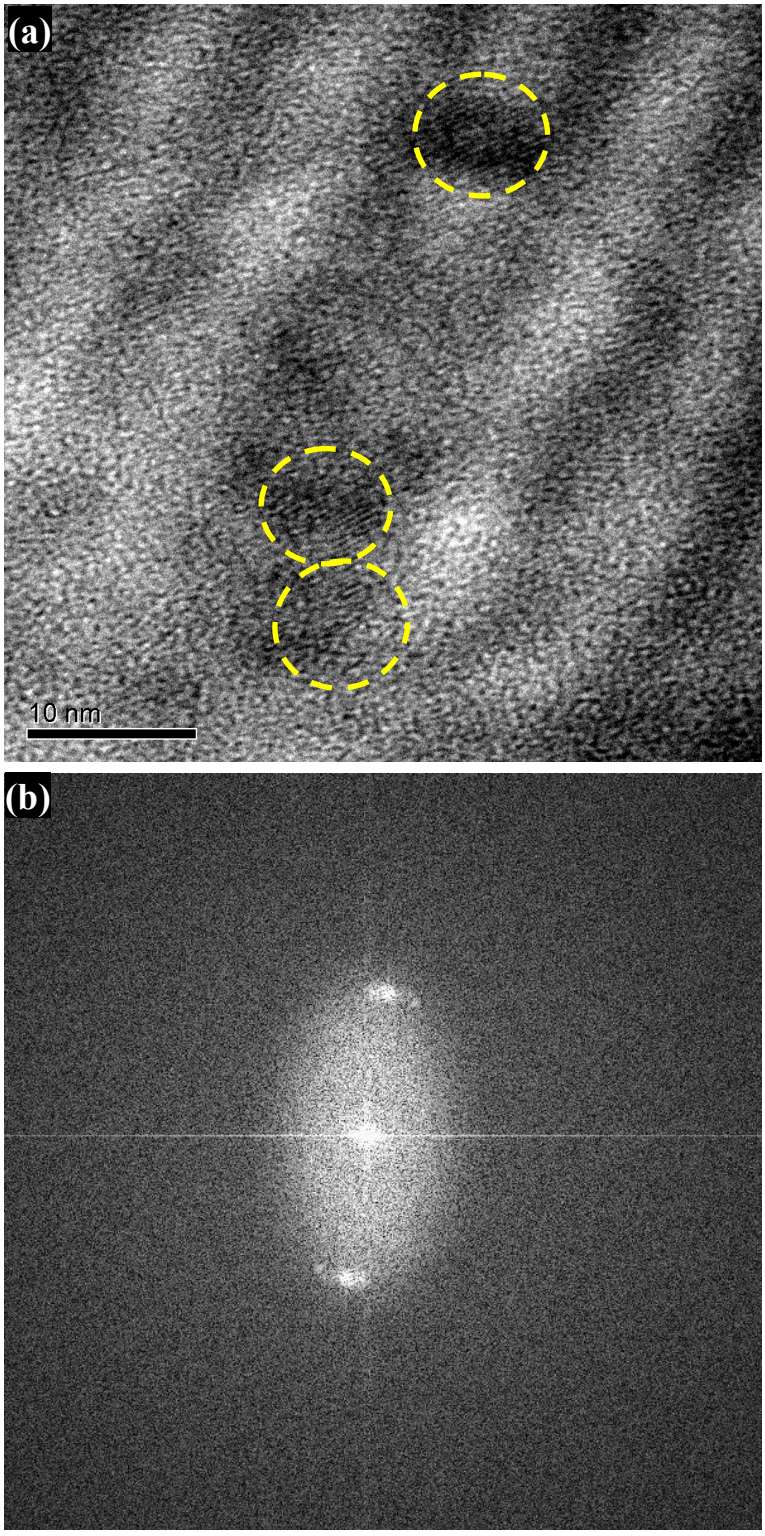

Fig. S2. (a) HRTEM photograph and (b) Fourier transform diffraction pattern of the C500–0.1Ti–SBA–15 material.

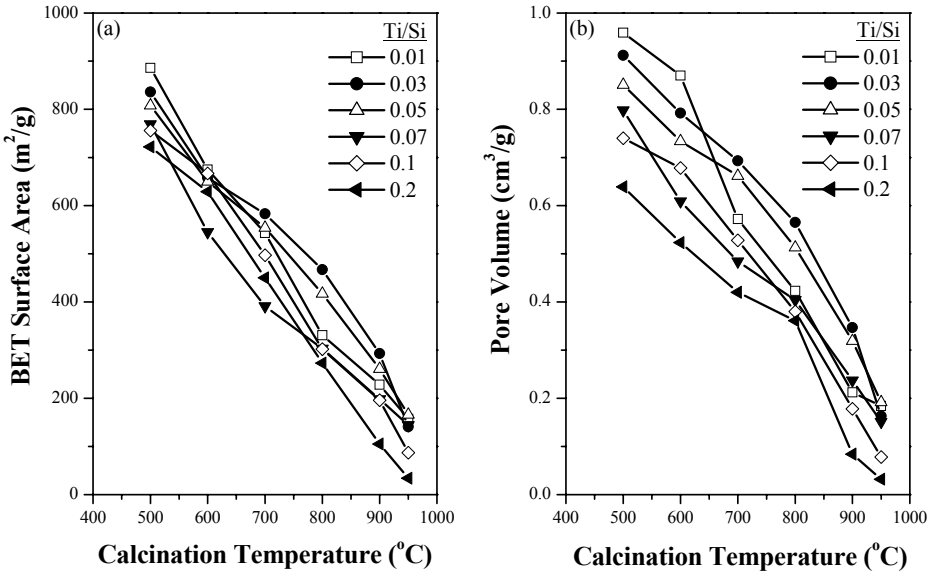

Fig. S3. Effect of calcinations temperature on the (a) BET surface areas and (b) pore volumes of the 500–950 ^{o}C calcined Ti–SBA–15 materials with various Ti/Si ratios.