Electronic Supplementary Material (ESI) for Journal of Materials Chemistry A

Electronic Supplementary Information

A Novel Route for Preparation of Ti-Containing Mesoporous Silica with High Catalytic Performance by Using a Moleculer Precursor Tetrakis(tris-*tert*-butoxysiloxy)titanium

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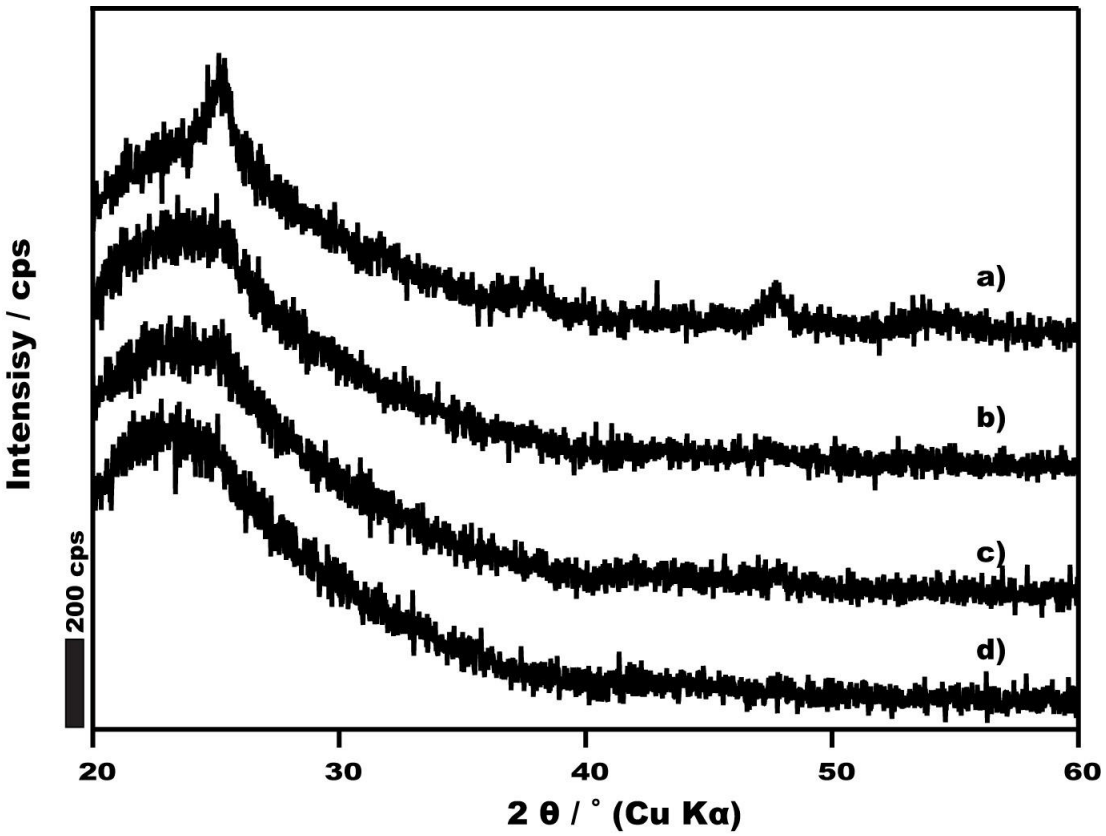

Figure S1 Wide angle XRD patterns of a) TMS-TS4-4, b) TMS-TS4-28, c) TMS-TS4-51, and d) TMS-TS4-121.

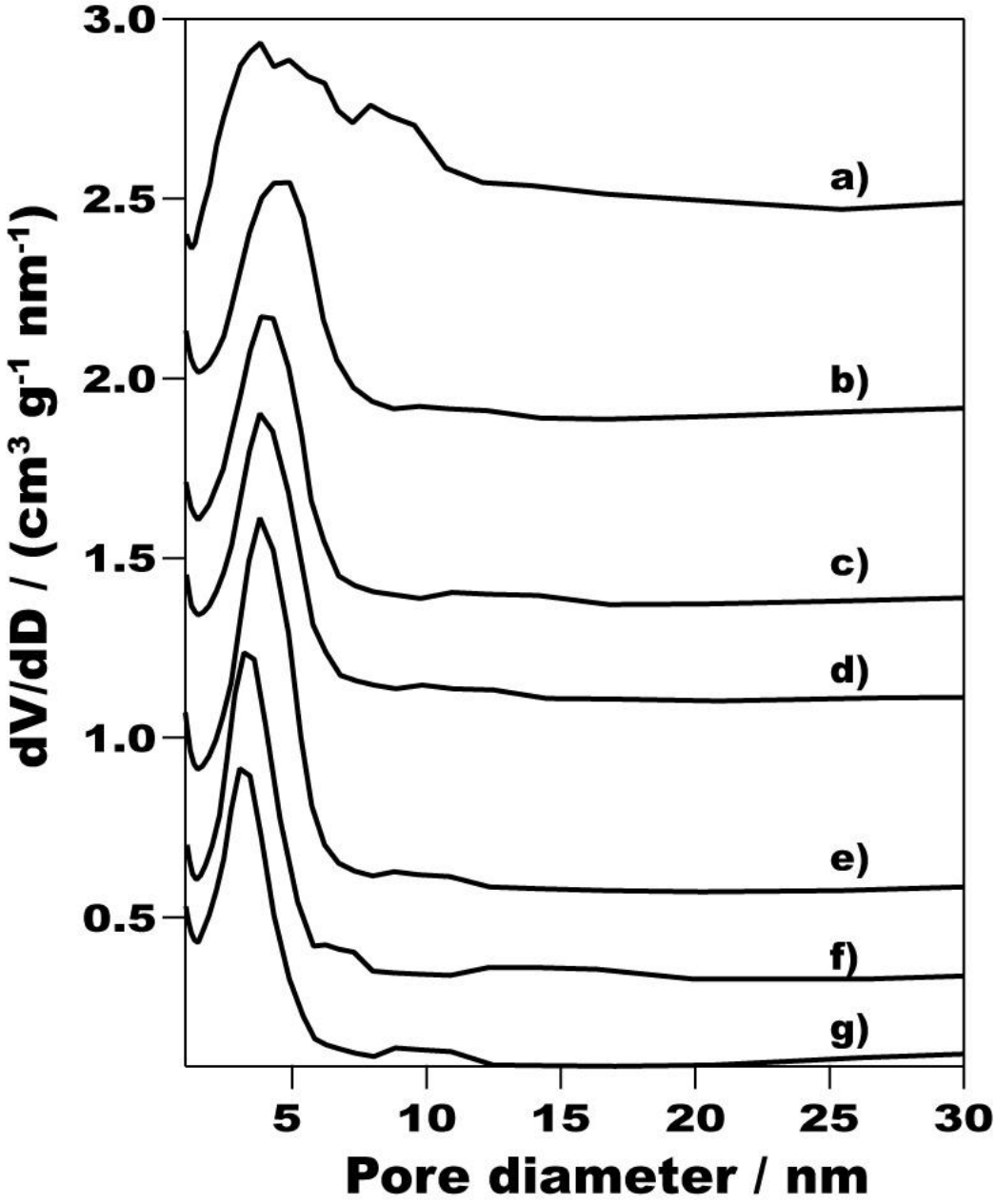

Figure S2 Pore size distributions (BJH method) of a) TMS-TS4-4 (Si/Ti=4), b) TMS-TS4-28 (Si/Ti=28), c) TMS-TS4-51 (Si/Ti=51), d) TMS-TS4-121 (Si/Ti=121), e) TMS-TS4-188 (Si/Ti=188), f) TMS-TS4-367 (Si/Ti=367), and g) TMS-TS4-736 (Si/Ti=736).

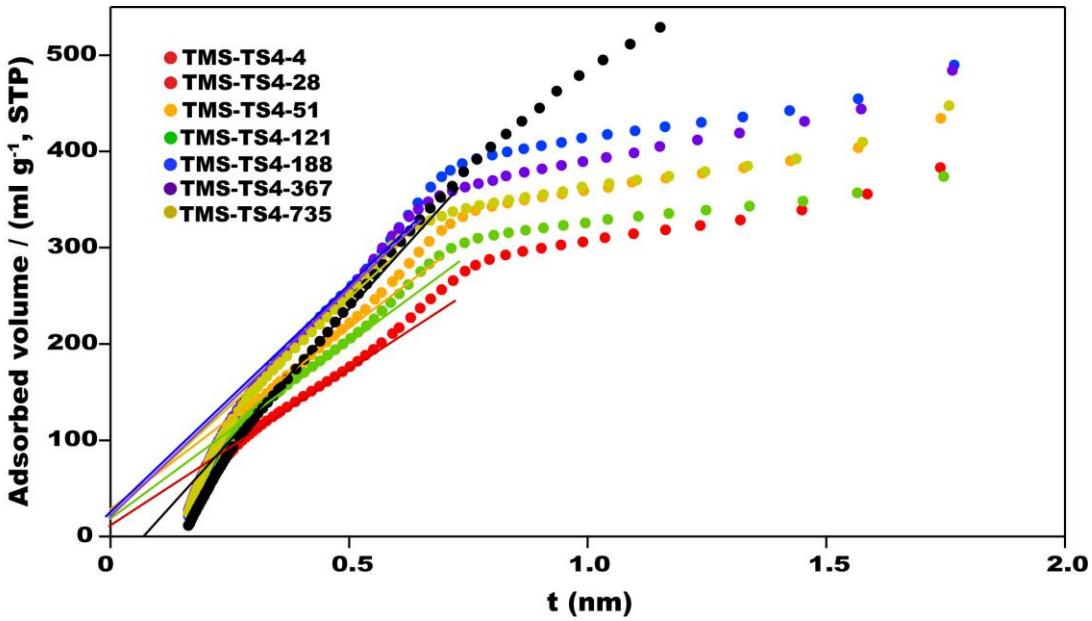

Figure S3 Comparative t-plots of the N_2 adsorption at 77K on TMS-TS4-x.

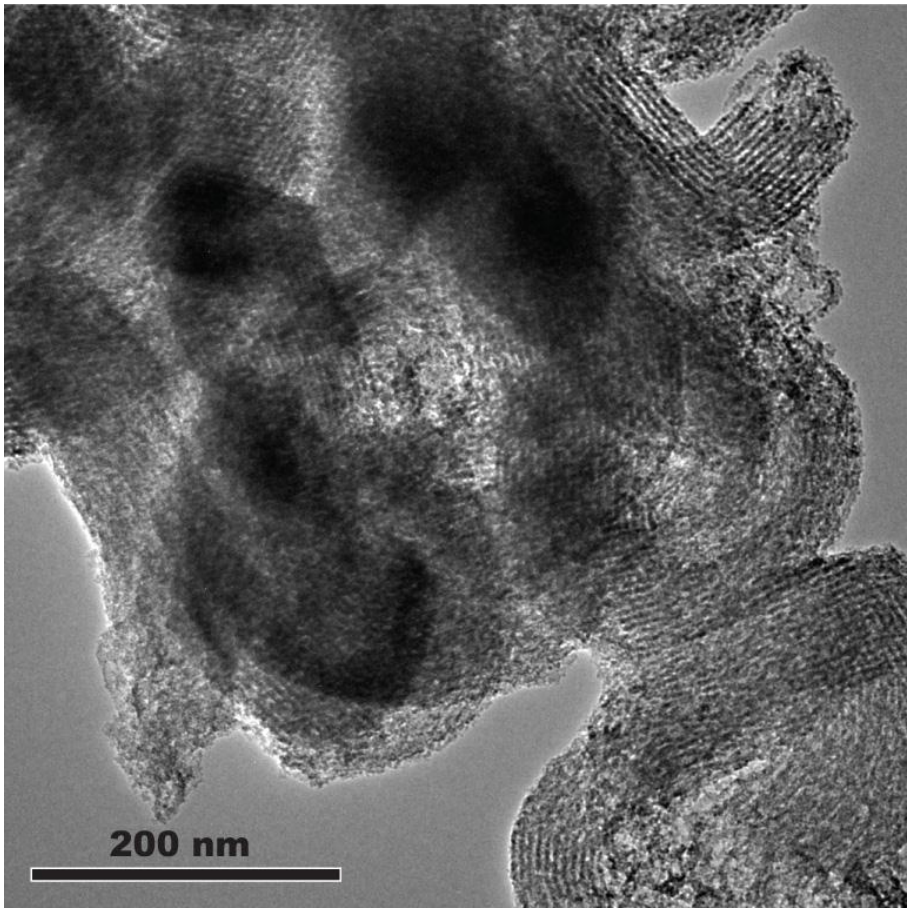

Figure S4 TEM image of TMS-TS4-367.