Electronic Supplementary Material (ESI) for Inorganic Chemistry Frontiers.

Table S1. The source of reagents used in this work [a]

Reagent	Manufacturer	Content (wt.%)
Tetraethylorthosilicate (TEOS)	Tianjin Kermel Chemical Reagents Company	≥ 98.0
Tetrapropylammonium hydroxide (TPAOH) solution	Shanghai Bangcheng Chemical Reagents Company	25
$Al(NO_3)_3 \cdot 9H_2O$	Beijing Chemical Reagents Company	≥ 99.0
Tetrabutyl orthotitanate (TBOT)	Sinopharm Chemical Reagent Co., Ltd.	≥ 98
Tetramethylguanidine (TMG)	Sass Chemical Reagents Company	98
Dodecylguanidine hydrochloride (DGH)	Shaoxing Shangyu Simo Institute of Organic Chemistry	≥ 35
Polyhexamethylene biguanidine hydrochloride (PHMB)	Shanghai Dejian Chemical Co., Ltd.	20

[a] All of the reagents were used without purification.

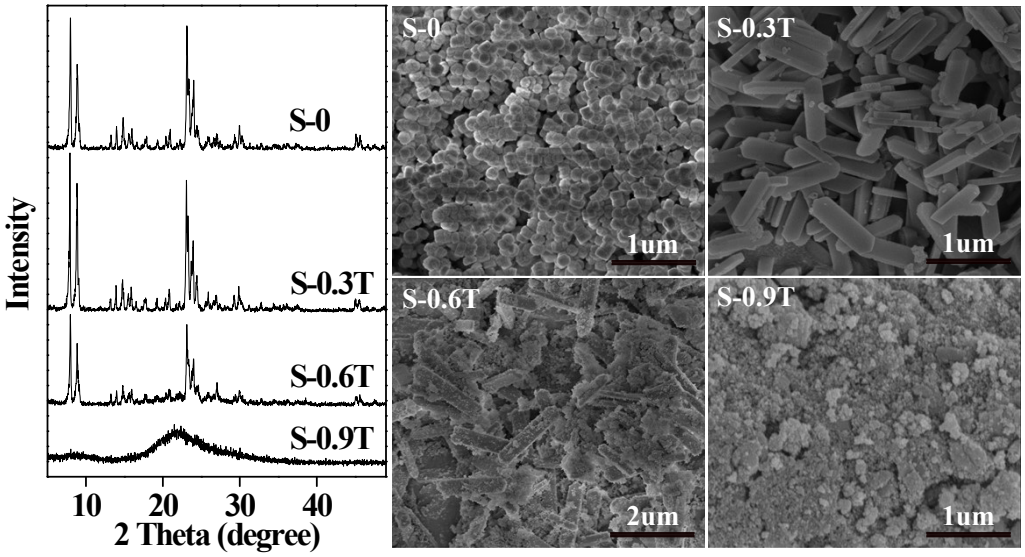

Fig. S1 XRD patterns and SEM images of S-1 samples being synthesized in the presence of different amounts TMG.

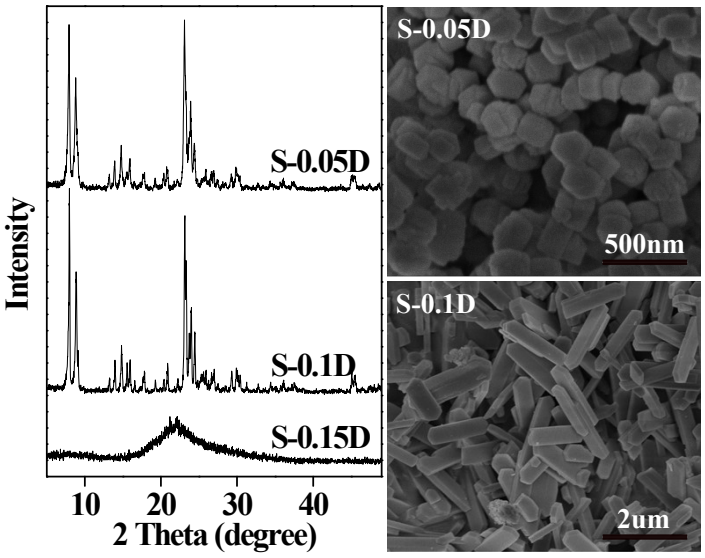

Fig. S2 XRD patterns and SEM images of S-1 samples being synthesized in the presence of different amounts DGH.

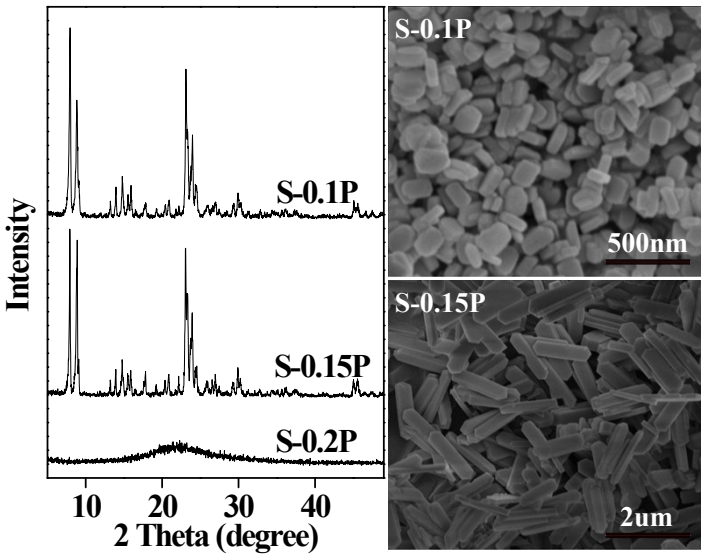

Fig. S3 XRD patterns and SEM images of S-1 samples being synthesized in the presence of different amounts PHMB.

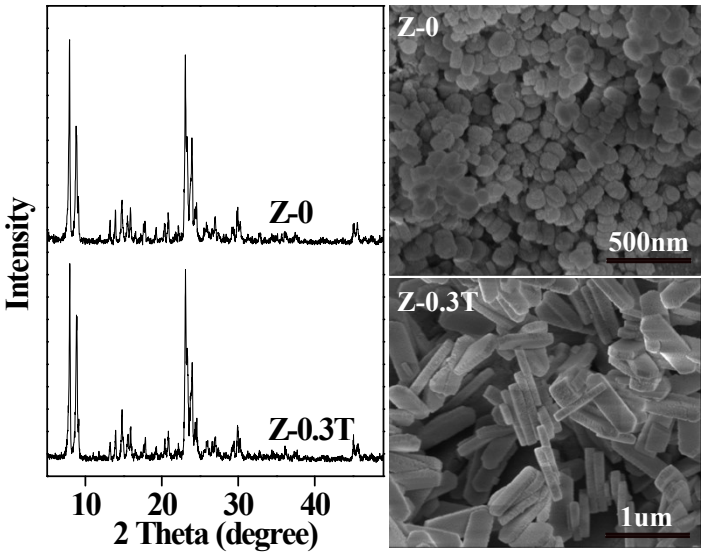

Fig. S4 XRD patterns and SEM images of ZSM-5 samples being synthesized in the presence of different amounts TMG.

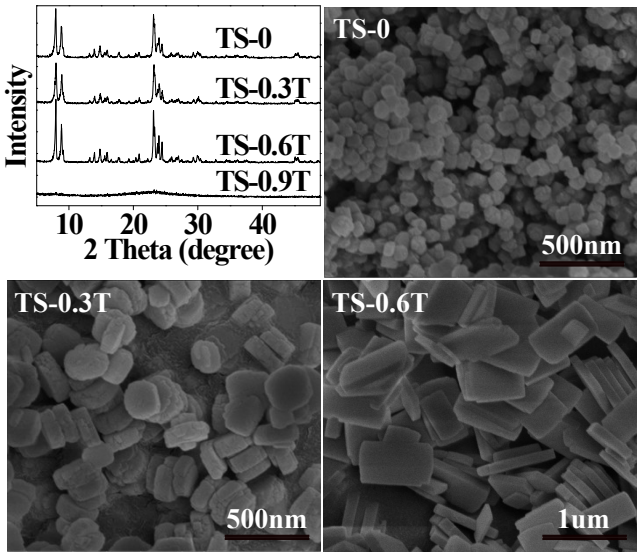

Fig. S5 XRD patterns and SEM images of TS-1 samples being synthesized in the presence of different amounts TMG.