Electronic Supplementary Information

High-temperature synthesis of strong acidic ionic liquids functionalized ordered and stable mesoporous polymers with excellent catalytic activities

Fujian Liu, Shufeng Zuo, Weiping Kong and Chenze Qi*

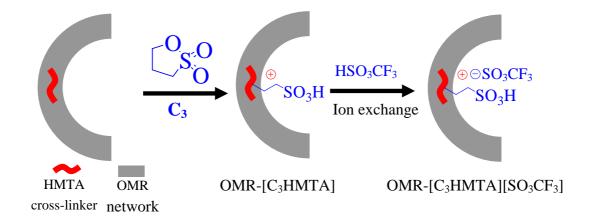
Institute of Applied Chemistry, Shaoxing University, Shaoxing, 312000, People's Republic of China. Tel: +86-575-88345681; Fax: +86-575-88345681. E-mail address: qichenze@usx.edu.cn

Table S1. The nomenclature of the catalysts synthesized under different conditions.

Samples	Polymer	Cross-linker	Quaternary	Treatment
	network ^a	reagent b	ammoniation of	of acids d
			reagent ^c	
OMR-[C ₃ HMTA][SO ₃ CF ₃]	OMR	НМТА	$\bigcup_{i=1}^{O} S_{i,O}^{i,O}$	HSO ₃ CF ₃
OMR-[C ₃ HMTA][SO ₄ H]	OMR	НМТА	$\begin{bmatrix} 0 \\ S \end{bmatrix}_{O}$	H_2SO_4

^a Stands for ordered and stable mesoporous phenol-formaldehyde resins.

^d Stands for the acids for ion exchange.



^b Stands for hexamethyltetramine cross-linker.

^c Stands for quaternary ammoniation of reagents.