

Supporting Information

Nitrogen-rich hierarchical porous carbon materials with interconnected channels for high stability supercapacitors

Zhenjie Sun,^{*a} Wenjie Wang,^a Jiamin Zhang,^a Guanchu Wang,^a Kai Wang,^a Xiaowei Liu,^b Gang Ni^c and Yang Jiang^{*a}

^a *School of Materials Science and Engineering, HeFei University of Technology, Hefei 230009, P.R. China. E-mail: sunzhenjie@hfut.edu.cn (Z. J. Sun), apjiang@hfut.edu.cn (Y. Jiang)*

^b *School of Resources and Environmental Engineering, HeFei University of Technology, Hefei 230009, P.R. China.*

^c *School of Chemistry and Chemical Engineering, HeFei University of Technology, Hefei 230009, P.R. China.*

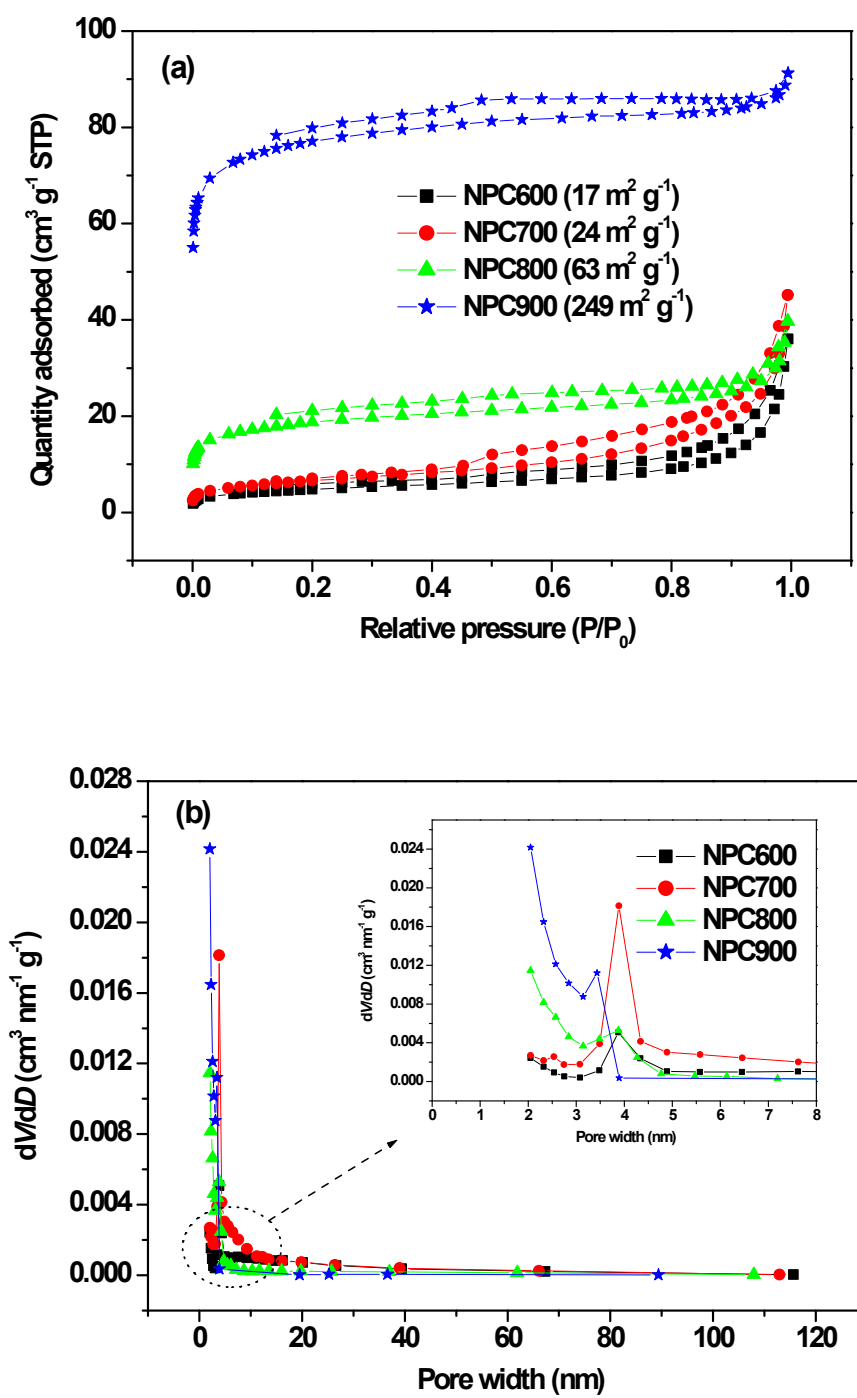


Fig. S1 (a) Nitrogen adsorption–desorption isotherms and (b) pore-size distribution curves of NPC600, NPC700, NPC800 and NPC900.

Table S1 Characteristic of pores in NPC600, NPC700, NPC800 and NPC900

Sample	S_{BET} (m^2g^{-1})	S_{micro} (m^2g^{-1})	S_{external} (m^2g^{-1})	V_{total} (cm^3g^{-1})	V_{micro} (cm^3g^{-1})	average pore diameter (nm)
NPC600	17	2	15	0.0259	0.0009	6.08
NPC700	24	2	22	0.0384	0.0007	6.52
NPC800	63	29	34	0.0423	0.0143	2.69
NPC900	249	188	61	0.1313	0.0923	2.11