Electronic Supplementary Material (ESI) for RSC Advances.

Supporting Information

Highly Porous Nitrogen-Doped Carbon for Superior Electric Double-Layer Capacitors

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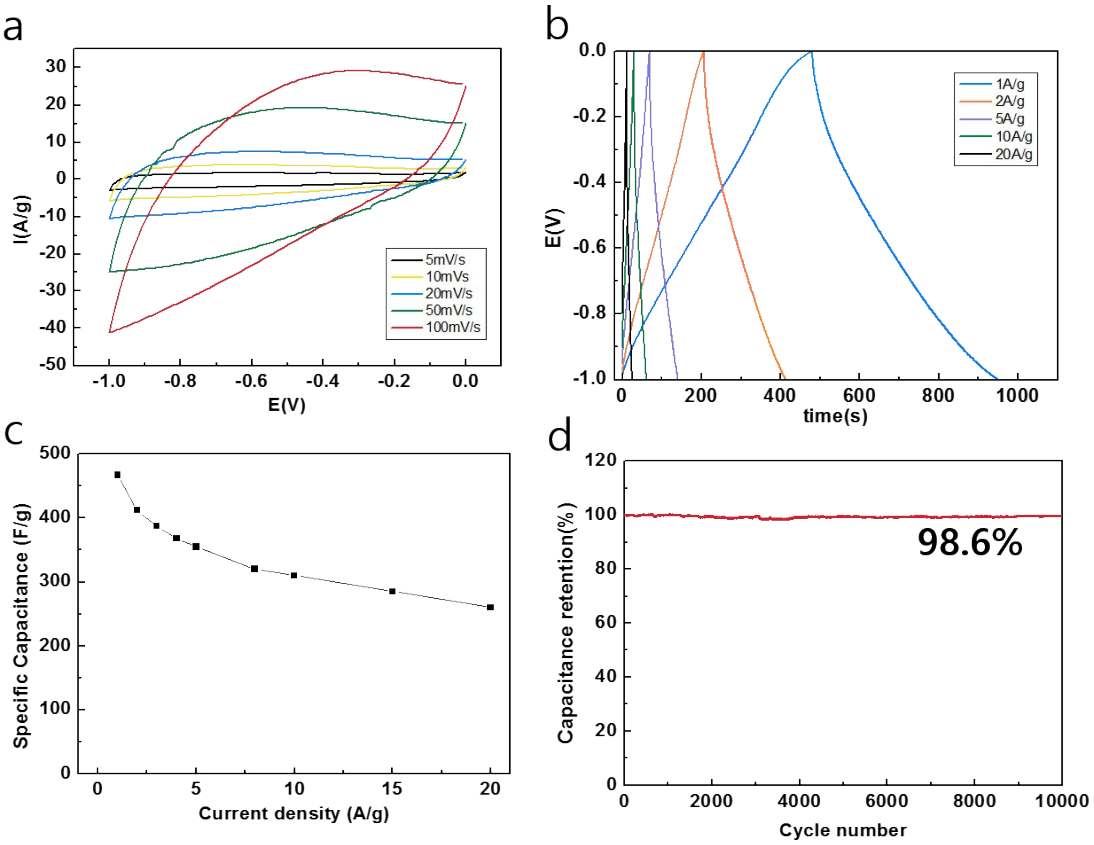

Figure S1. Cyclic voltammetry (a) and Galvanostatic Charge/discharge (b), Rate performance (c), Capacitance retention at current density 10A/g (d) of the PANC-3.

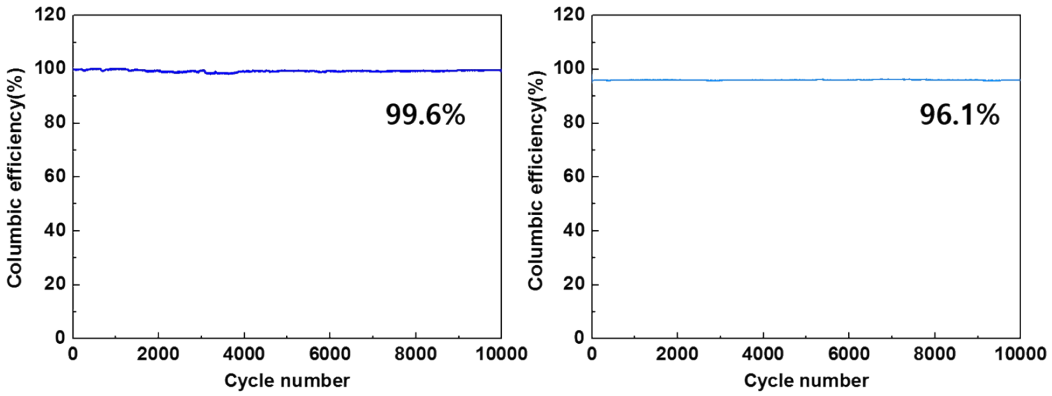

Figure S2. Columbic efficiency of the PANC-3 in the three electrode system (a) and two-electrode system (b).

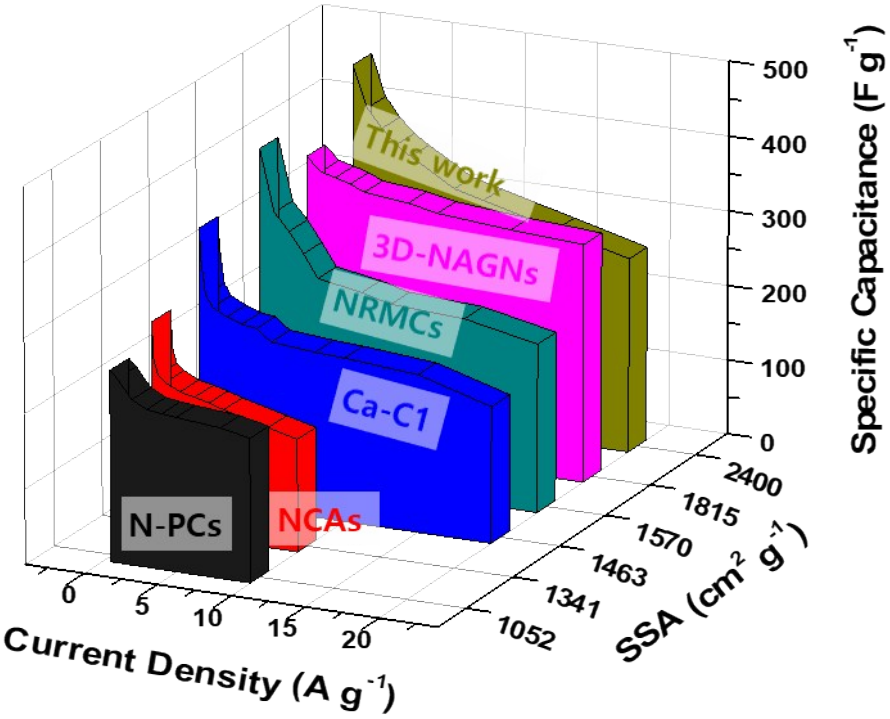

Figure S3. Comparison of electrochemical properties of PANC-3 with other reported Nitrogen doped carbons. (N-PCs: ref. S1; NCAs: ref. S2; Ca-C1: ref. S3; NRMCs: ref. S4; 3D-NAGNs: ref. S5)

Reference

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S2. Jingui Jiang, Hao Chen, Zhao Wang, Luke Bao, Yiwei Qiang, Shiyou Guan, Jianding Chen, *J. Colloid Interface Sci.,* 2015, **452**, 54–61

S3. Min Zhou, Fan Pu, Zhao Wang, Shiyou Guan, *Carbon*, 2014, **68**, 185-194

S4. Fei Sun, Jihui Gao, Xinxin Pi, Lijie Wang, Yuqi Yang, Zhibin Qu, Shaohua Wu, *J. Power Sources*, 2017, **337**, 189-196

S5. Zesheng Li, Bolin Li, Zhisen Liu, Dehao Li, Hongqiang Wang, Qingyu Li, *Electrochim. Acta,* 2016*,* **190**, 378-387