Accepted Manuscript

Hollow ZIFs-derived nanoporous carbon for efficient capacitive deionization

Jiaming Shen, Yang Li, Chaohai Wang, Rui luo, Jiansheng Li, Xiuyun Sun, Jinyou Shen, Weiqing Han, Lianjun Wang

PII: S0013-4686(18)30736-9

DOI: 10.1016/j.electacta.2018.04.004

Reference: EA 31571

To appear in: *Electrochimica Acta*

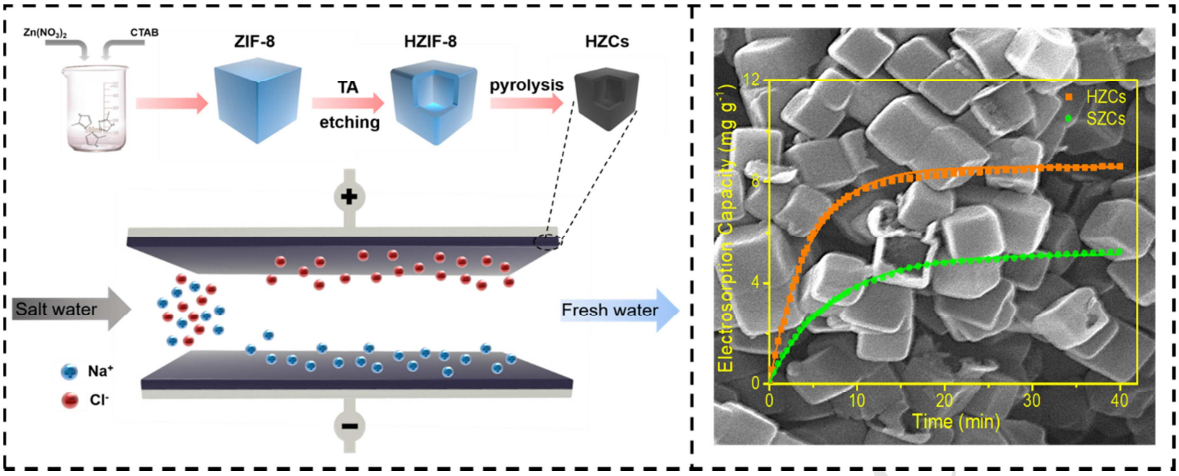
Received Date: 24 February 2018

Revised Date: 1 April 2018

Accepted Date: 2 April 2018

Please cite this article as: J. Shen, Y. Li, C. Wang, R. luo, J. Li, X. Sun, J. Shen, W. Han, L. Wang, Hollow ZIFs-derived nanoporous carbon for efficient capacitive deionization, *Electrochimica Acta* (2018), doi: 10.1016/j.electacta.2018.04.004.

Graphical Abstract



Hollow ZIFs-derived porous carbons (HZCs) was prepared via chemistry etching method and subsequent pyrolysis, then utilized as CDI electrodes. The as-prepared electrode exhibits excellent capacitive deionization performance and great stability.