

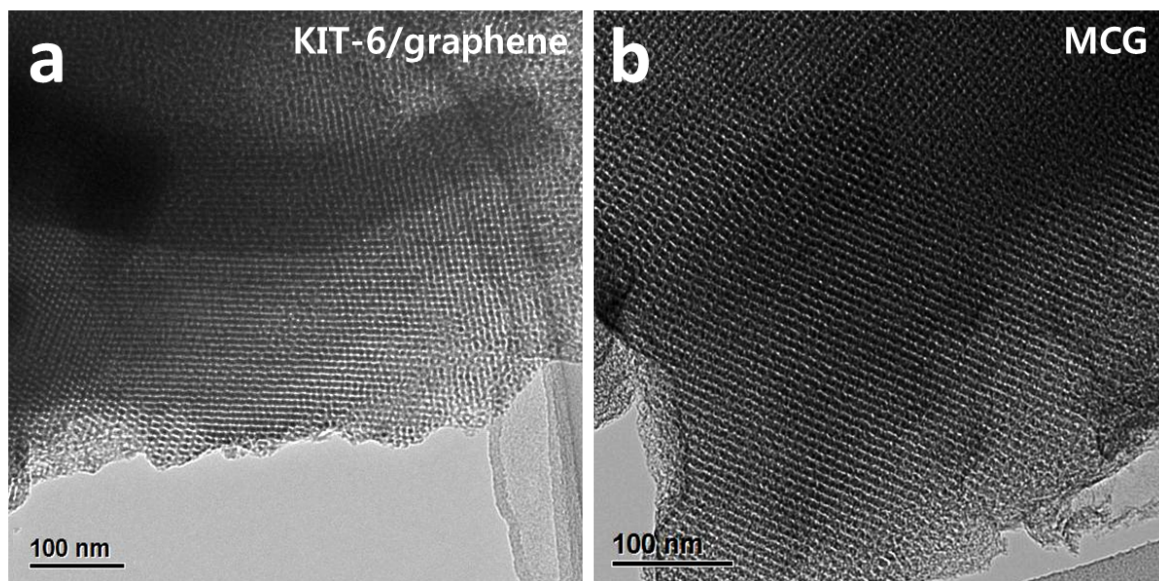
## **Electronic Supplementary Information (ESI)**

### **A Two Dimensional Highly Ordered Mesoporous Carbon/Graphene Nanocomposite for Supercapacitors: Effect of Electrical and Ionic Conduction Pathways**

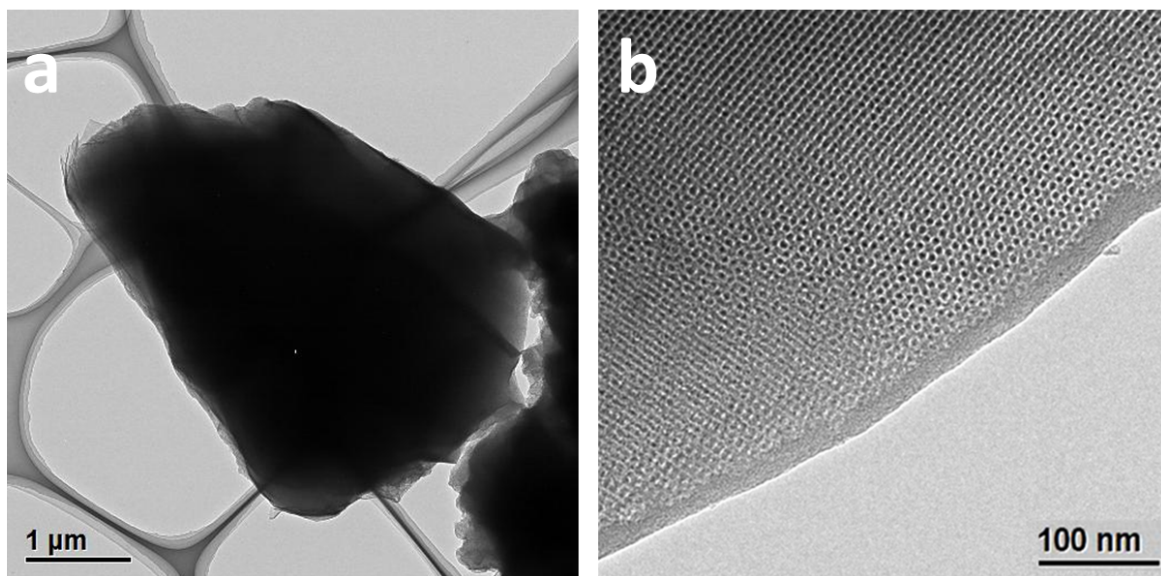
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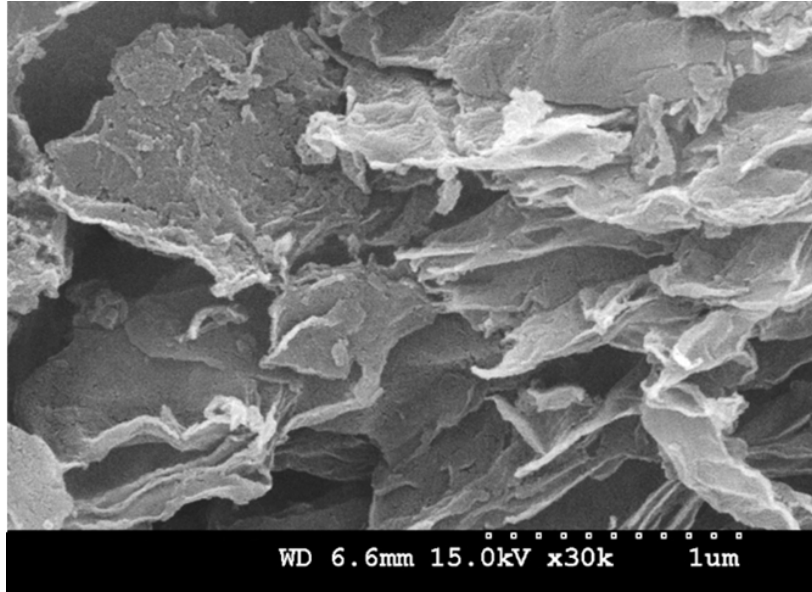
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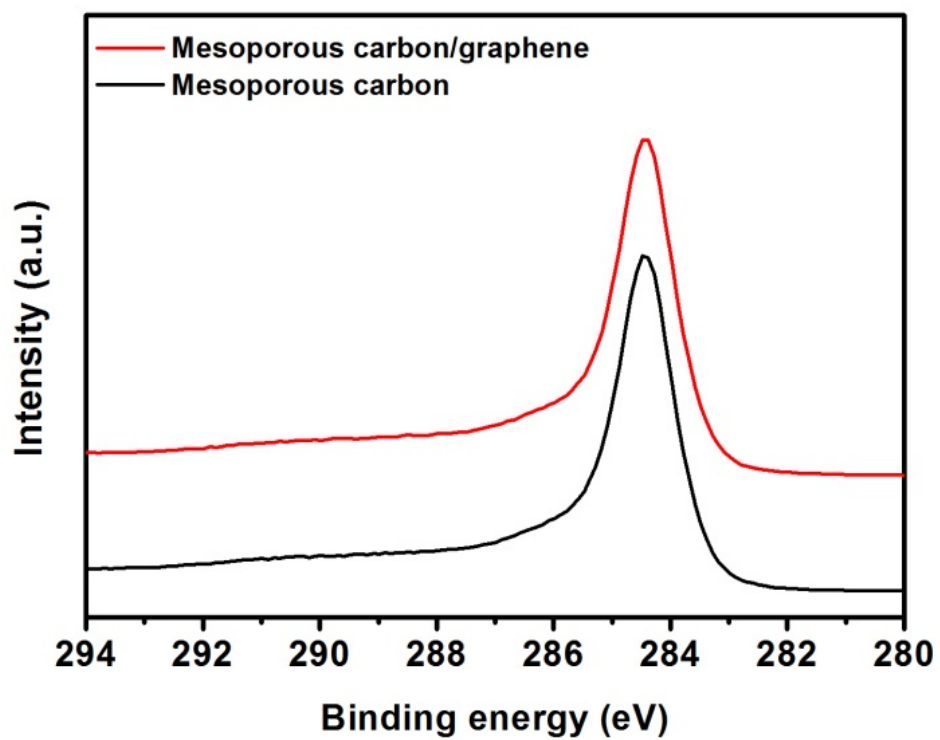
**Figure S1.** Typical TEM images of (a) KG and (b) MCG.



**Figure S2.** Typical TEM image and (c) HRTEM image of MC.



**Figure S3.** Typical SEM image of MCG.



**Figure S4.** C1s XPS spectra of MCG and MC.

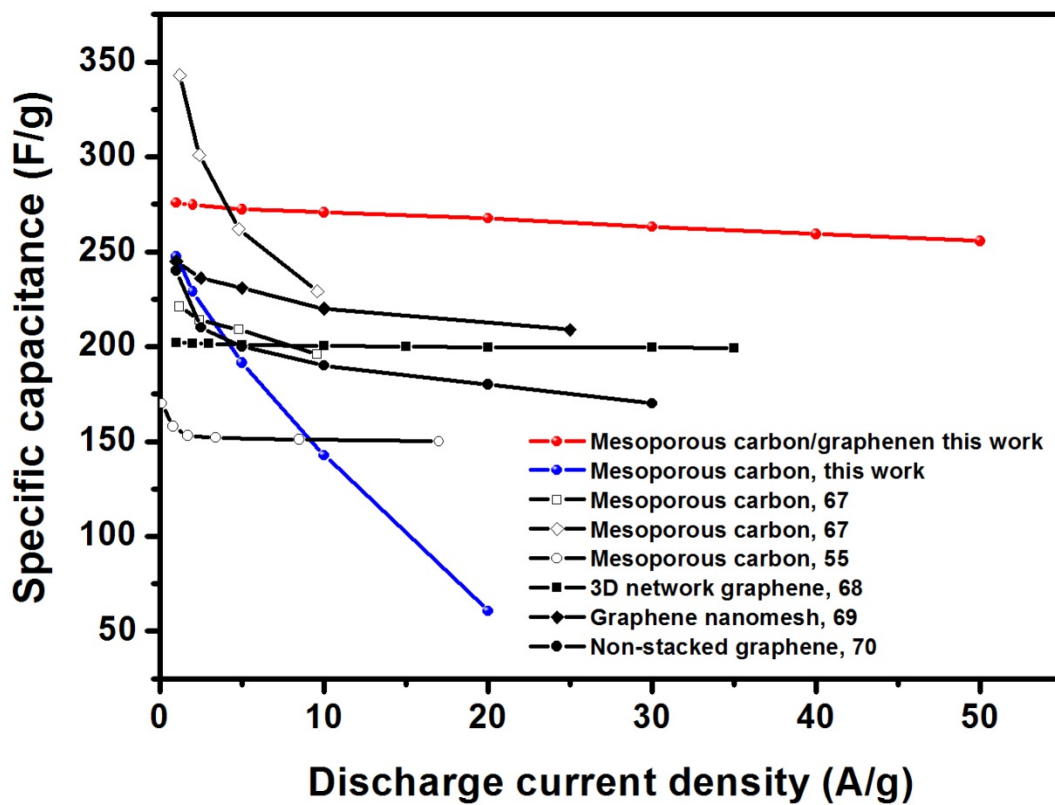


Figure S5. High rate capability of MCG and MC at different current densities of 1–50 A g<sup>-1</sup>.