Randomly Stacked Holey Graphene Anodes for Lithium Ion Batteries with Enhanced Electrochemical Performance

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**Fig. S1** Electrochemical performance of the carbon paper: (a) Galvanostatic charge/discharge profiles of the first three cycles of the carbon paper at a low rate of 0.05 C between 3.0 and 0.01 V vs. Li⁺/Li; (b) rate capabilities and cycle performance of the carbon paper at rates from 0.05 to 10C; (c) galvanostatic charge/discharge profiles of the carbon paper at different rates from 0.1C to 10C.

The low charge/discharge capacities of the carbon paper indicate that it can be used as the collecting electrode with negligible contributions to the electrochemical performance of the randomly stacked holey graphene (RSHG).