Supplementary

Figure S1 Textural characterization of the prepared carbons: FESEM images of (a) SBA-15, (b) OMC8, (c) and (d) OMC8/PANI
Figure S2 Electrochemical performances of the prepared samples: CV curves at (a) 5 mV/s and (b) 100 mV/s, (c) capacitance retention, (d) Normalized cycle life test for 2000 cycles at 2A/g
Figure S3 Galvanostatic charge/discharge Curves of OMC8/PANI, (a) at current density of 0.2-10 A/g, (b) cyclic test at 2A/g for 2000 cycles
Figure S4 Scanning electron microscope energy dispersive X-ray spectra (SEM-EDS) of samples.