Supporting information

A Comprehensive Study on KOH Activations of Ordered Mesoporous Carbons and Their Supercapacitor Application

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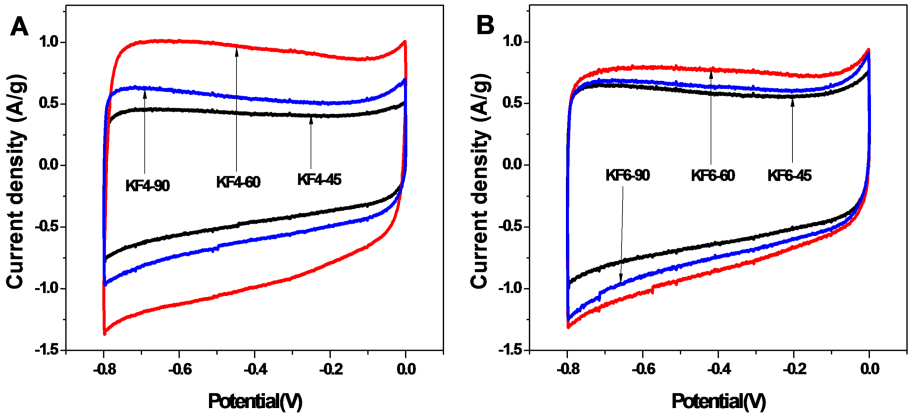

Fig. S1 The CV curves of activated samples with KOH/carbon ratio of 4.0 (A) and 6.0 (B) for 45, 60, 90 min, respectively, at the scan rates of 5 mV/s.

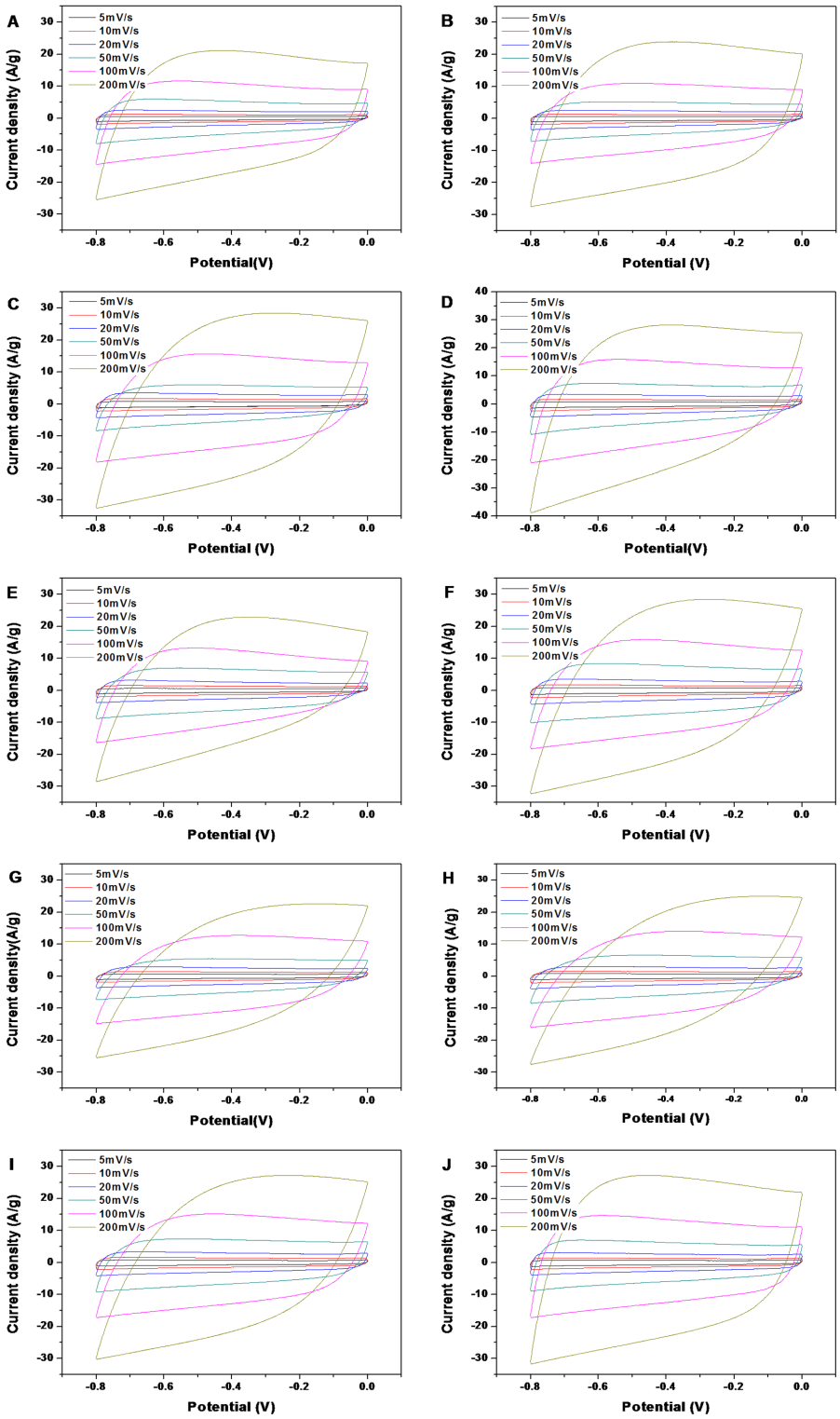

Fig. S2 Electrochemical performance in 6.0 M KOH of FDU-15 (A) and the activated samples KF1-45 (B), KF1-60 (C), KF1-90 (D), KF4-45 (E), KF4-60 (F), KF4-90 (G), KF6-45 (H), KF6-60 (I), KF6-90 (J) at different potential scan rates from 5mV/s to 200 mV/s

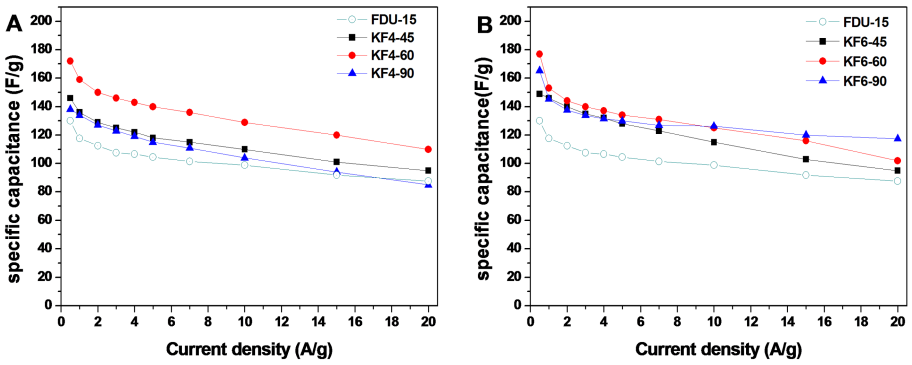

Fig. S3 The dependence of retained capacitance of FDU-15 and activated samples with KOH/carbon ratio of 4.0 (A), 6.0 (B) on current density scan rates,