**Supporting Information**

**Table S1.** Surface properties, pore-structure parameters of PCAC-5

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Samples | SBETa(m2 g-1) | SMesob(m2 g-1) | SMicroc(m2 g-1) | VTotald(cm3 g-1) | VMesoe(cm3 g-1) | VMicrof(cm3 g-1) | Dg(nm) |
| PCAC-5 | 2098.6  | 816.2  | 1282.4  | 1.17  | 0.59  | 0.58  | 2.23  |

a BET surface area; b Mesopore surface area calculated by BJH method using adsorption branch; c Micropore surface area Smicro=SBET-SMeso; d Total pore volume, measured at P/Po=0.99; e Mesopore volume calculated by BJH method using adsorption brance; f Microporous volume VMicro =VTotal-VMeso;g Average pore width calculated by 4VTotal/SBET.



Fig. S1. CV curve of PCAAC-4 at a scan rate of 100 mV s-1



Fig. S2. Capacitive performance of PCAC-4 and PCAC-5 determined in a three-electrode cell in 6M KOH electrolyte: Specific capacitance at various current densities from 1 to 50 A g-1.



Fig. S3. Ragone plots of PCACs



Fig. S4. Capacitive performance of PCAC-4 determined in a three-electrode cell in 1M H2SO4 electrolyte: specific capacitance at various current densities from 1 to 50 A g-1.