由微孔棒状羟基磷灰石为模板合成的新型层次孔炭材料的电化学电容性能

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Synthesis and Electrochemical Capacitive Performances of Novel Hierarchically Micro-Meso-Structured Porous Carbons Fabricated Using Microporous Rod-Like Hydroxyapatites as a Template

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Specific capacitances of porous carbons sintered at 800 °C for 2 h as a function of the mixing ratio of HA/sucrose in in 1 mol·L⁻¹ H₂SO₄ solution and 1 M KOH solution.

Hg/HgSO₄ electrode and Hg/HgO electrode were chosen as the reference electrodes for 1 mol·L⁻¹ H₂SO₄ and 1 mol·L⁻¹ KOH, respectively.

TEM and HRTEM (inset) images of (a) HA-C-700, (b) HA-C-800, and (c) HA-C-900.
Fig.S3  XPS spectra and Detailed XPS spectra of O(1s) of the HA-C-900