Electronic Supplementary Material (ESI) for Materials Advances.

Supporting Information

Energetic carbon precursors for micro-supercapacitor printing

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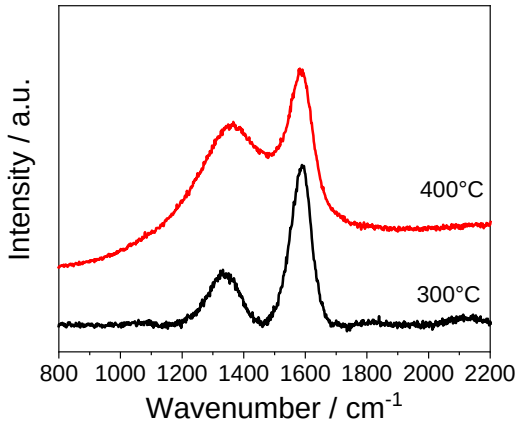
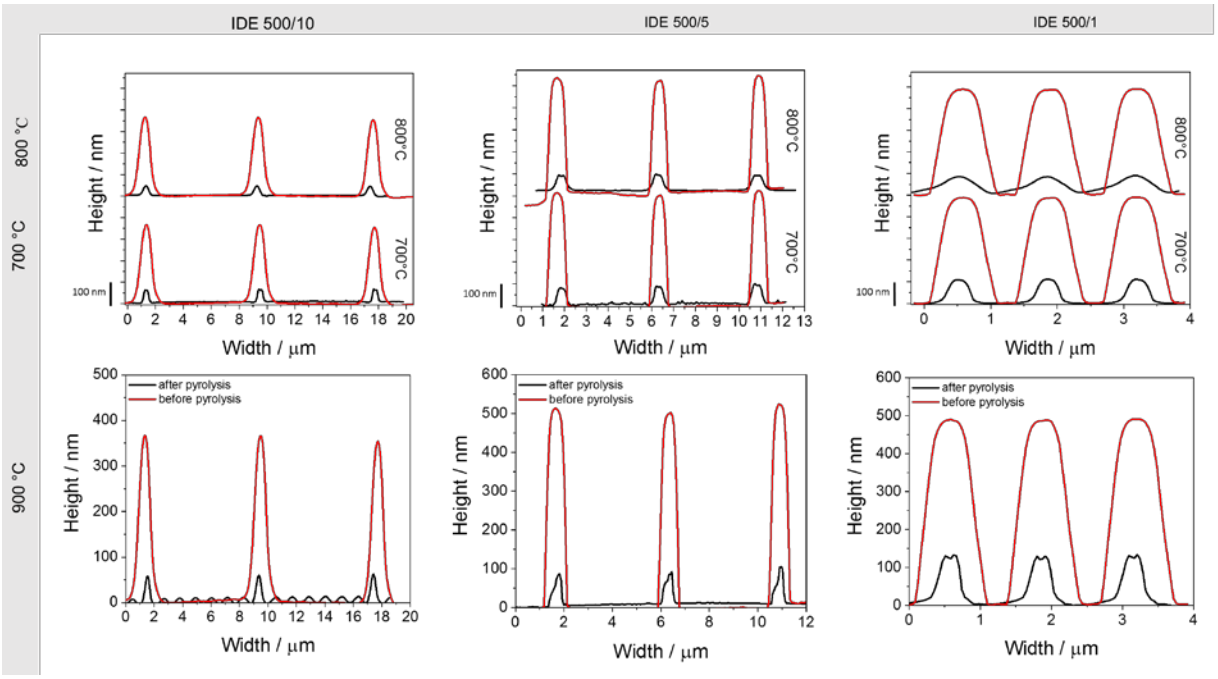
Characterization of the carbon powder



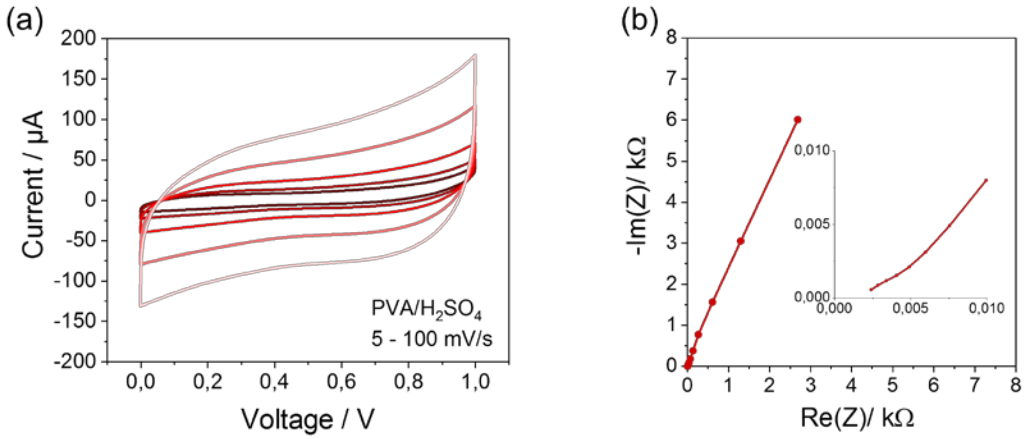
S1: Raman spectra of the carbon powder carbonized at 300 °C and 400 °C in air.

Characterization of the printed structure



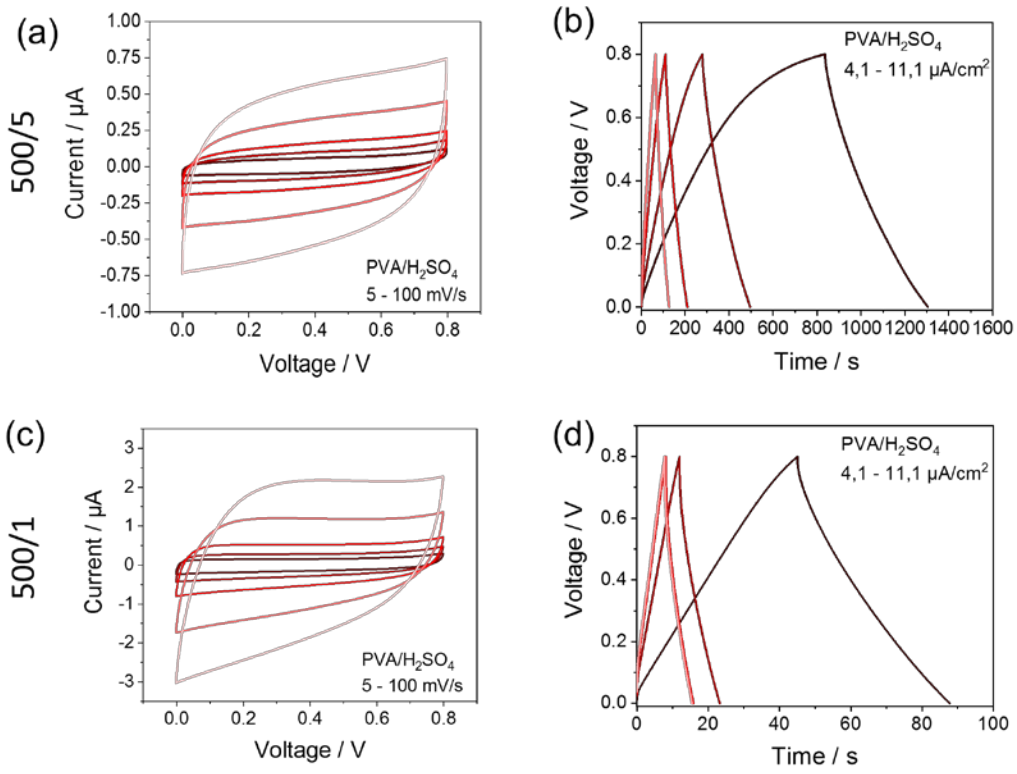
S2: Height profiles (after printing red lines, after pyrolysis black lines) for the three structures obtained at different pyrolysis temperatures.

Electrochemical characterization of the film EDLCs

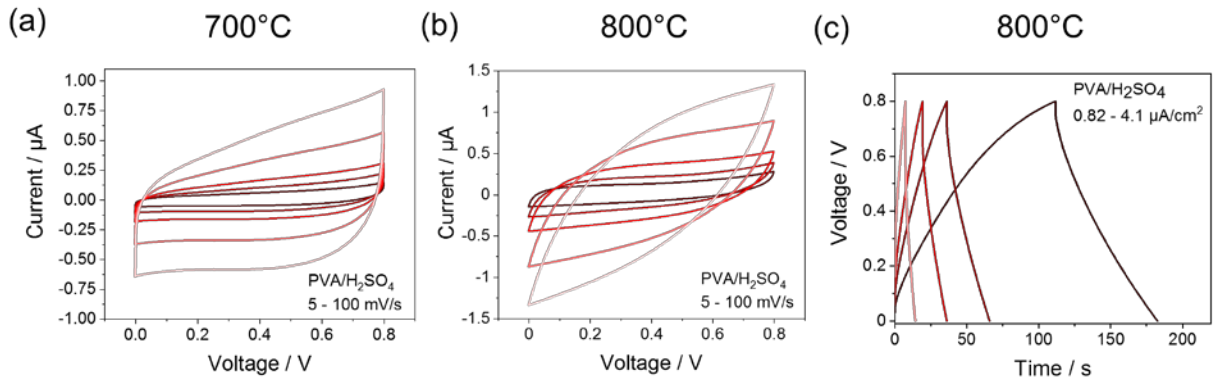


S3: Electrochemical characterization of the thin film EDLC pyrolyzed at 800 °C (CV-curves (a) and Nyquist plot (b)).

Electrochemical characterization of IDE 500/5 and IDE 500/1



S4: Electrochemical characterization of IDE 500/5 (CV-curves (a) and GCD curve (b) and IDE 500/1 (CV-curves (c) and GCD-curve (d)) both pyrolyzed at 900 °C.



S5: Electrochemical characterization of IDE 500/1 (CV-curves (a) and (b), GDC-curves (c) at different carbonization temperatures).