

Supplementary Information

Electrochemical impedance model assisted optimization of biomass hierarchical porous carbon electrode for supercapacitors

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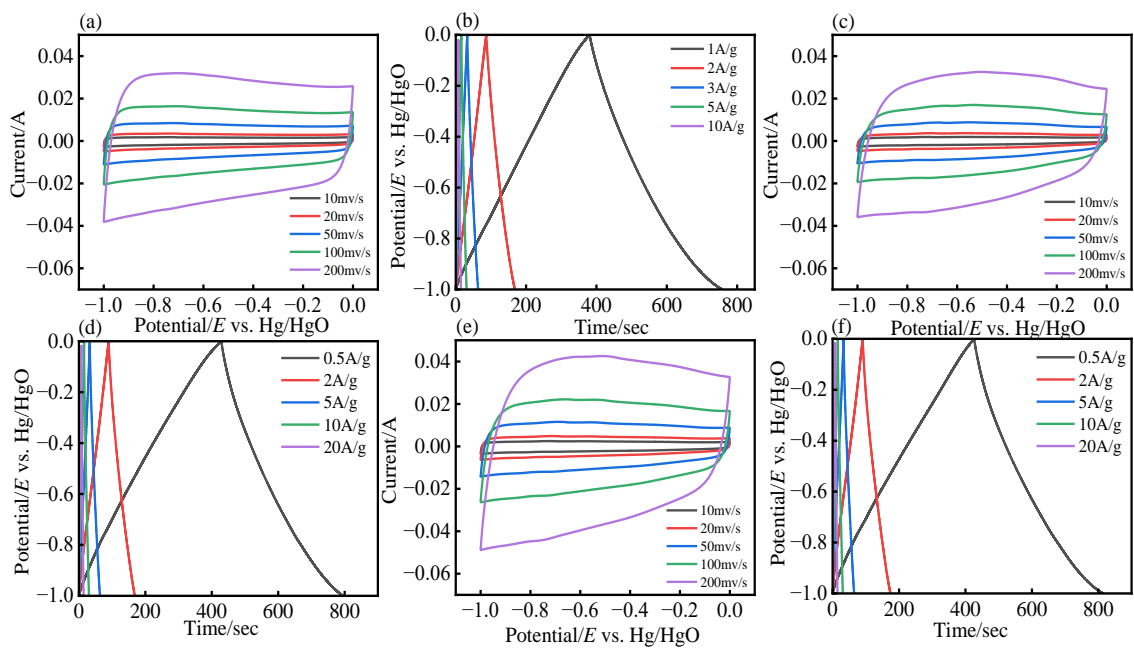


Figure S1 Electrochemical performance of hierarchical porous carbon electrodes measured in 6.0 M KOH solution: CV and GCD curves of 1:X-PAC: (a, b) 1:0-PAC. (c, d) 1:1-PAC. (e, f) 1:2-PAC.

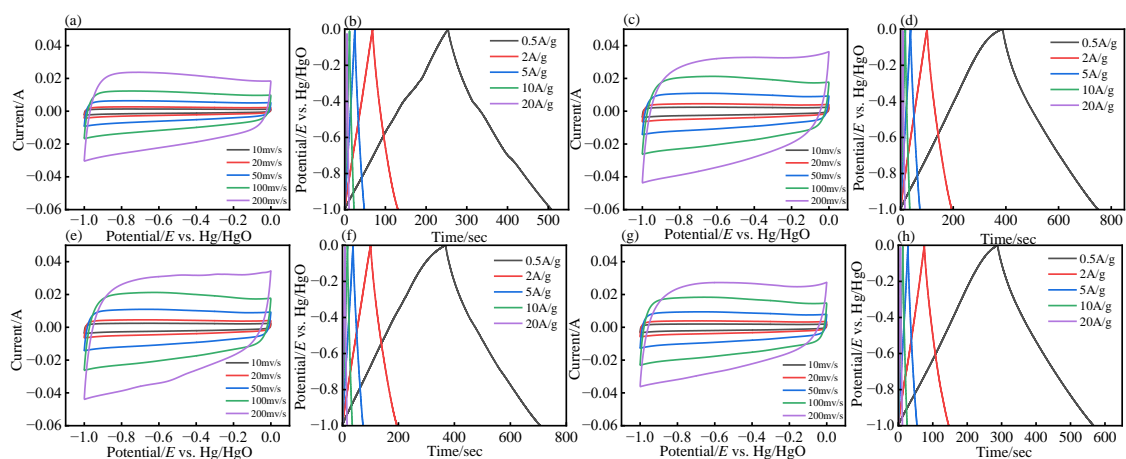


Figure S2 Electrochemical performance of hierarchical porous carbon electrodes measured in 6.0 M KOH solution: CV and GCD curves of PAC-1:X: (a, b) PAC-1:0. (c, d) PAC-1:2. (e, f) PAC-1:3. (g, h) PAC-1:4.

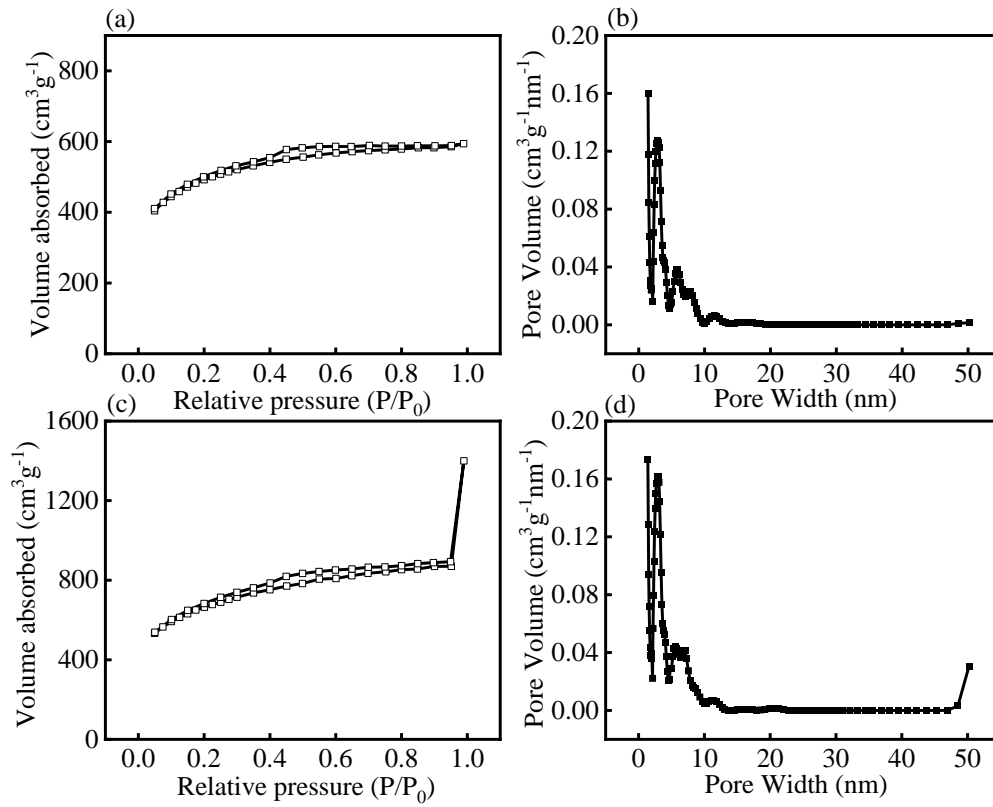


Figure S3 Nitrogen adsorption-desorption isotherms (a), PSD curves (b) of PAC-1:1-(1), Nitrogen adsorption-desorption isotherms (c), PSD curves (d) of PAC-1:1-(3).