

Supplementary Materials

Boosting the Capacitive Performance of Supercapacitors by Hybridizing N, P-Codoped Carbon Polycrystalline with Mn₃O₄-Based Flexible Electrodes

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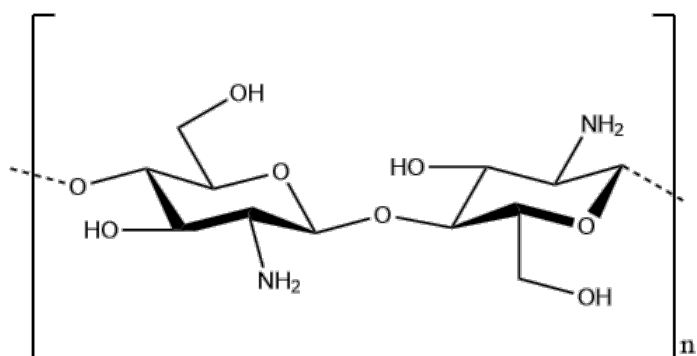


Figure S1. The chemical structure of chitosan.

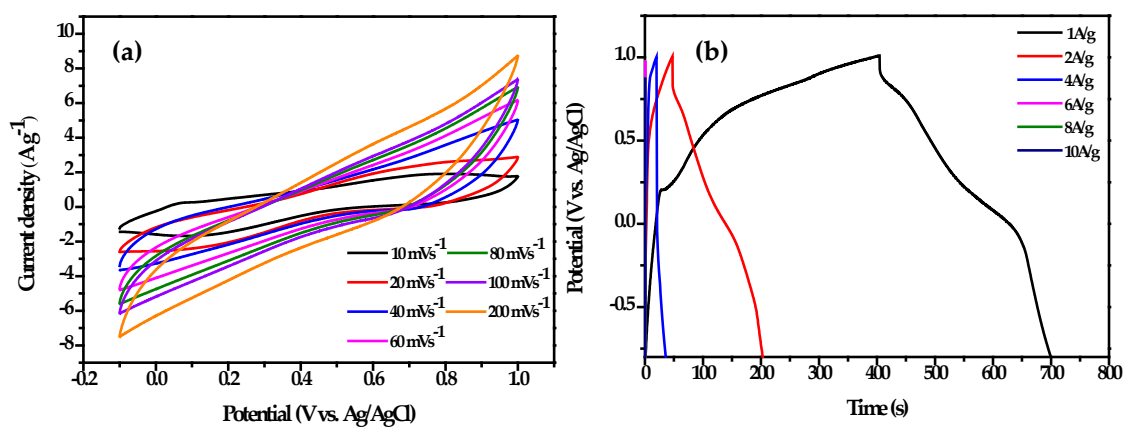


Figure S2. The Electrochemical properties of the as-fabricated Mn₃O₄@NPC electrode by adding 15 ml H₃PO₄ as P-dopant source. (a) CV examination and (b) GCD test ($C_m = 172$ F/g at 1 A/g).

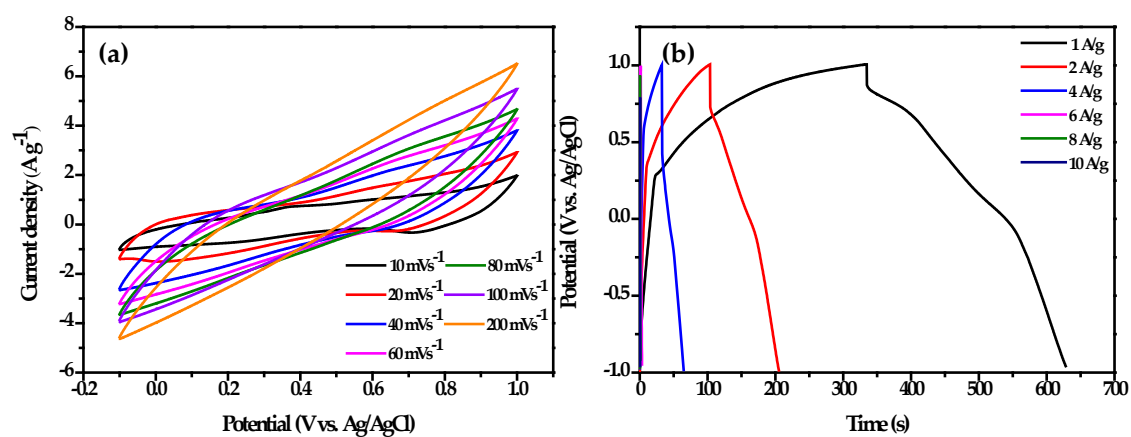


Figure S3. The Electrochemical properties of the as-fabricated Mn₃O₄@NPC electrode by adding 20 ml H₃PO₄ as P-dopant source. (a) CV examination and (b) GCD test ($C_m = 155$ F/g at 1 A/g).

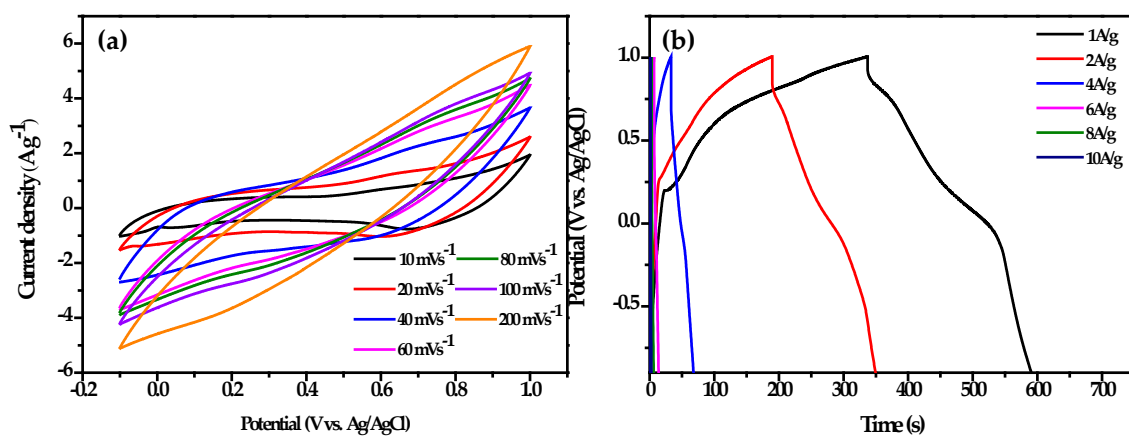


Figure S4. The Electrochemical properties of the as-fabricated $\text{Mn}_3\text{O}_4@\text{NPC}$ electrode by adding 25 ml H_3PO_4 as P-dopant source. (a) CV examination and (b) GCD test ($C_m = 141 \text{ F/g}$ at 1 A/g).