

Three-Dimensional Mesoporous Sn–Ni@C Network Derived from Cyanogel Coordination Polymers: Towards High-Performance Anodes for Lithium Storage

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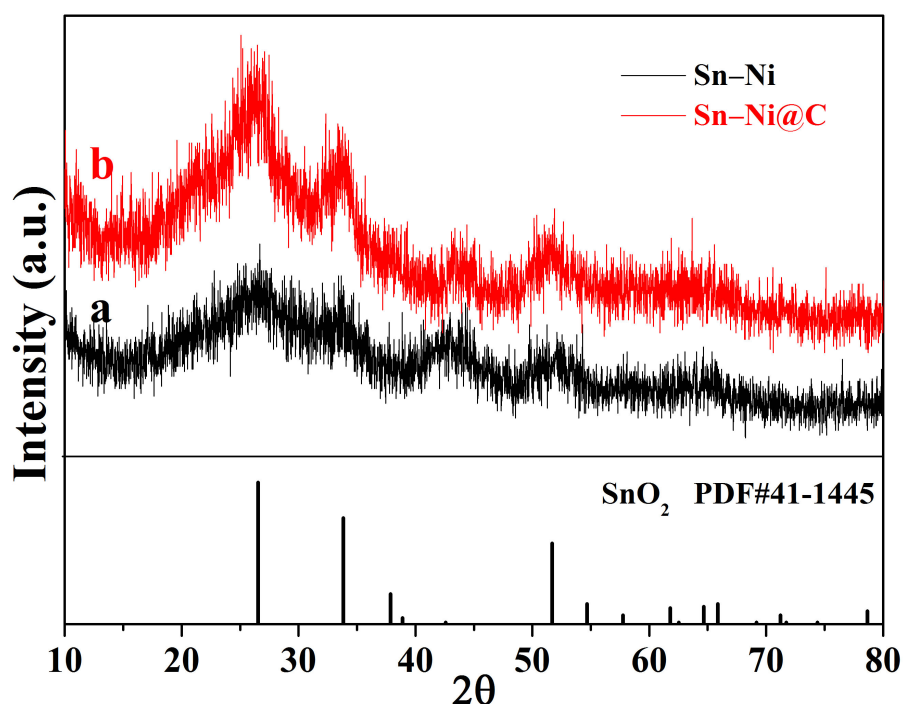


Fig. S1 XRD patterns of 3DMP Sn–Ni alloy network (curve *a*) and 3DMP Sn–Ni@C network (curve *b*).

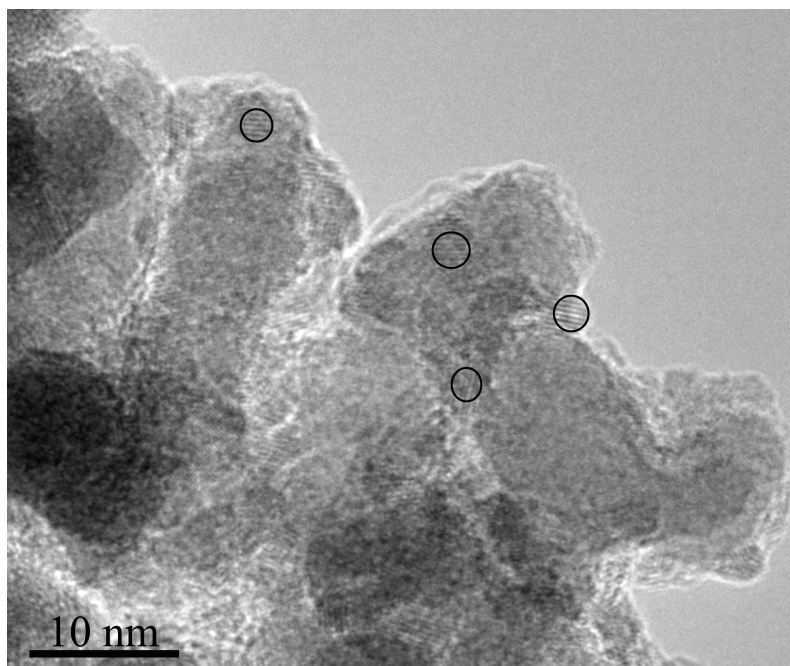


Fig. S2 HRTEM image of 3DMP Sn–Ni alloy network.

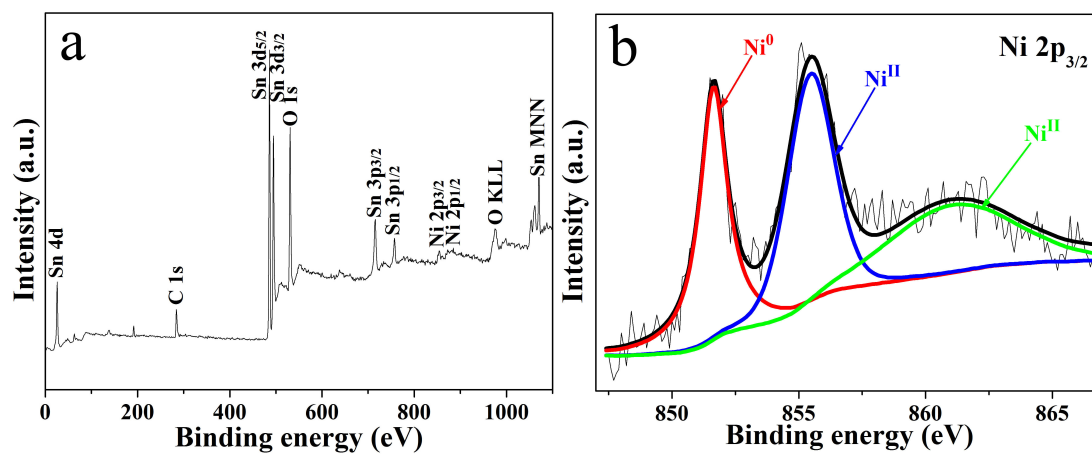


Fig. S3 XPS spectra of 3DMP Sn–Ni alloy network: (a) survey spectrum, and (b) Ni 2p_{3/2}.

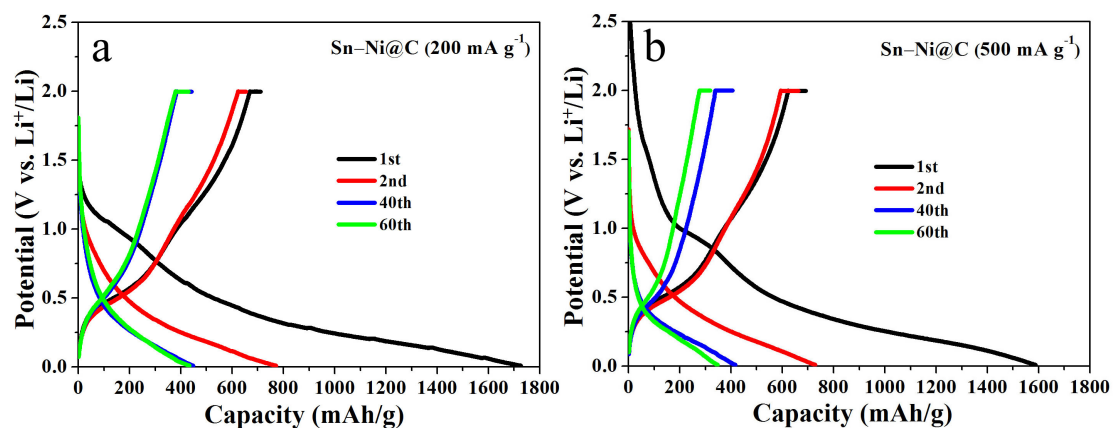


Fig. S4 The 1st, 2nd, 40th, and 60th discharge and charge curves for Sn-Ni@C alloy network in the potential range of 0.01-2 V at current densities of 200 and 500 mA g⁻¹, respectively.

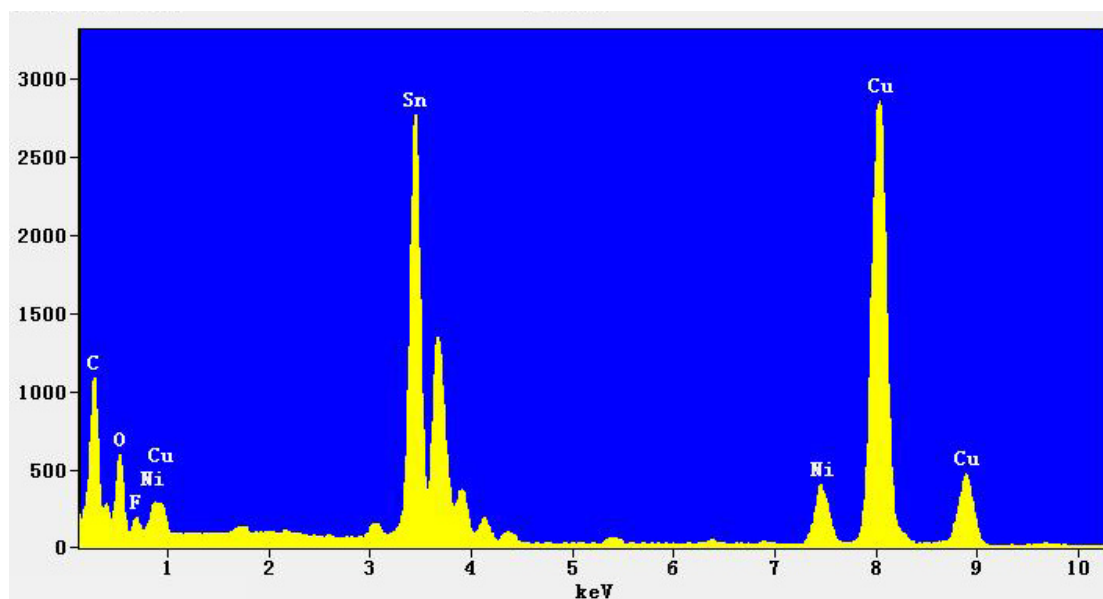


Fig. S5 EDX spectrum of 3DMP Sn-Ni@C network in a fully de-lithiated state after 5 cycles.