Electronic Supplementary Material (ESI) for Nanoscale
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Supporting Information

One-pot Rapid Synthesis of Core-Shell Structured NiO@TiO_2 Nanopowders and Their Excellent Electrochemical Properties for Anode Materials in Lithium Ion Batteries

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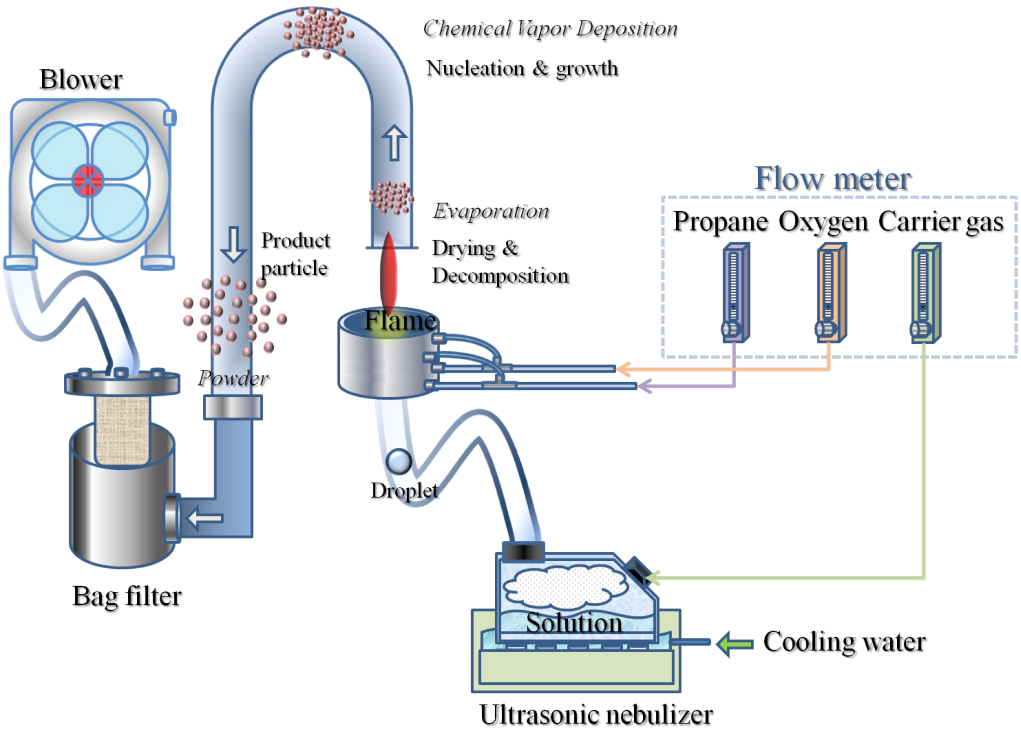

Fig. S1 Schematic diagram of the flame spray pyrolysis process.

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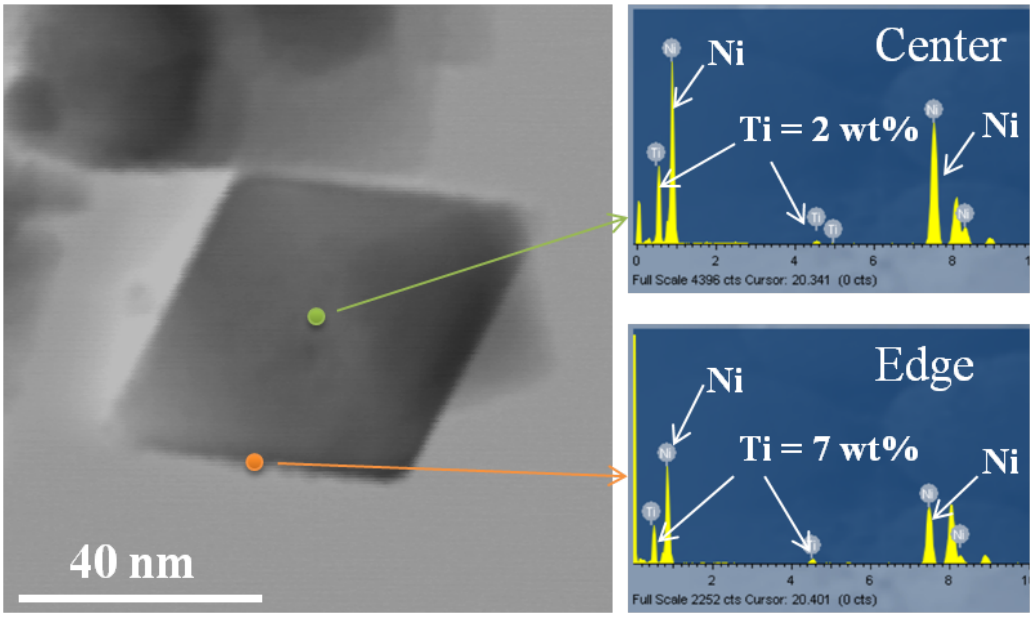

Fig. S2 TEM image and EDX spectra of the core-shell structured NiO@TiO_2 nanopowders.

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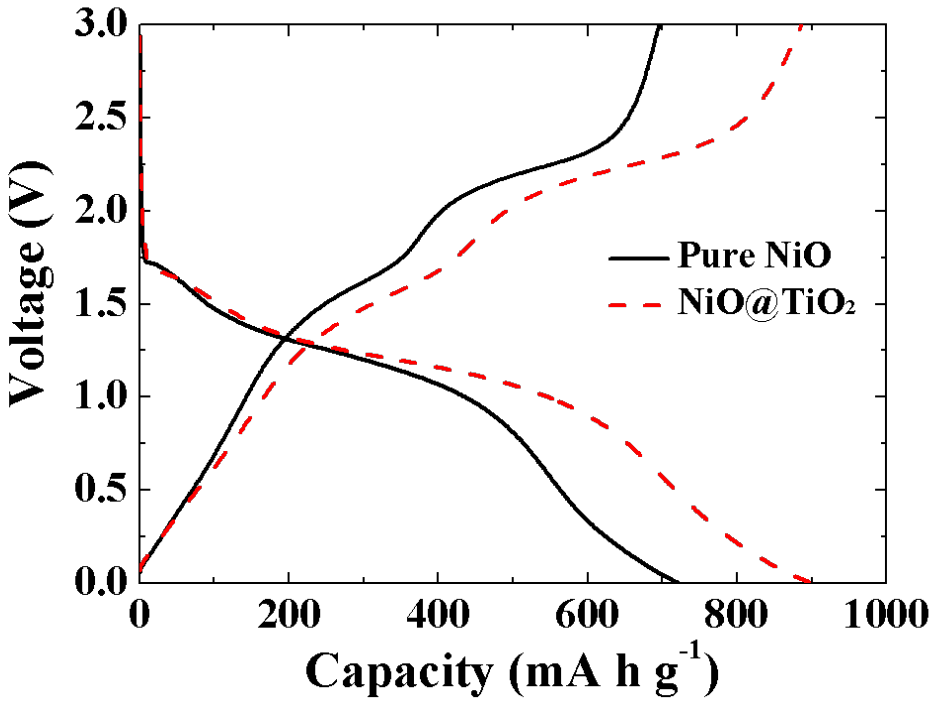

Fig. S3 Second cycle curves of the pure NiO and NiO@TiO_2 nanopowders.

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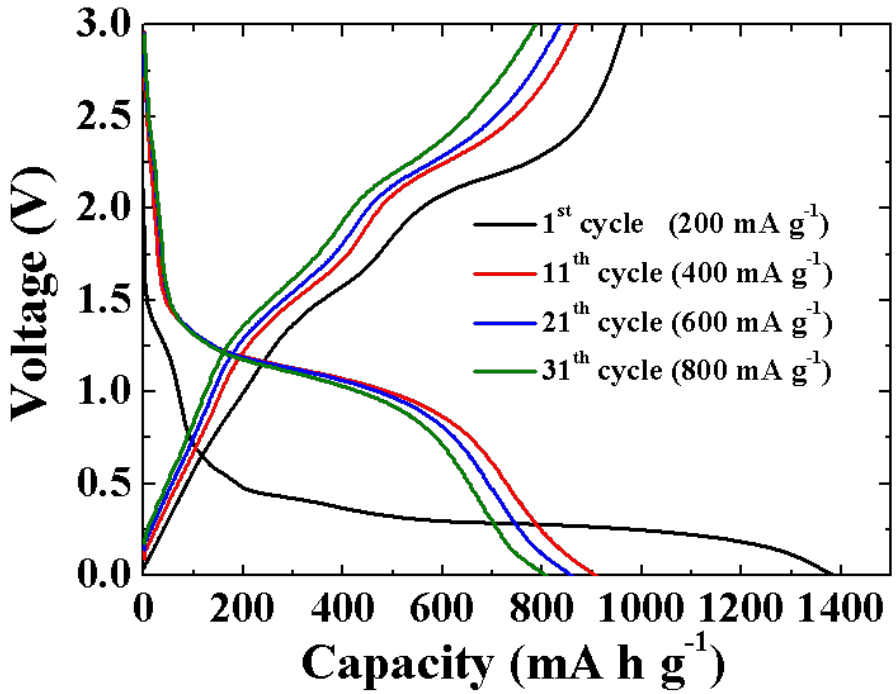

Fig. S4 Cycle curves of the NiO@TiO_2 nanopowders at different current densities.

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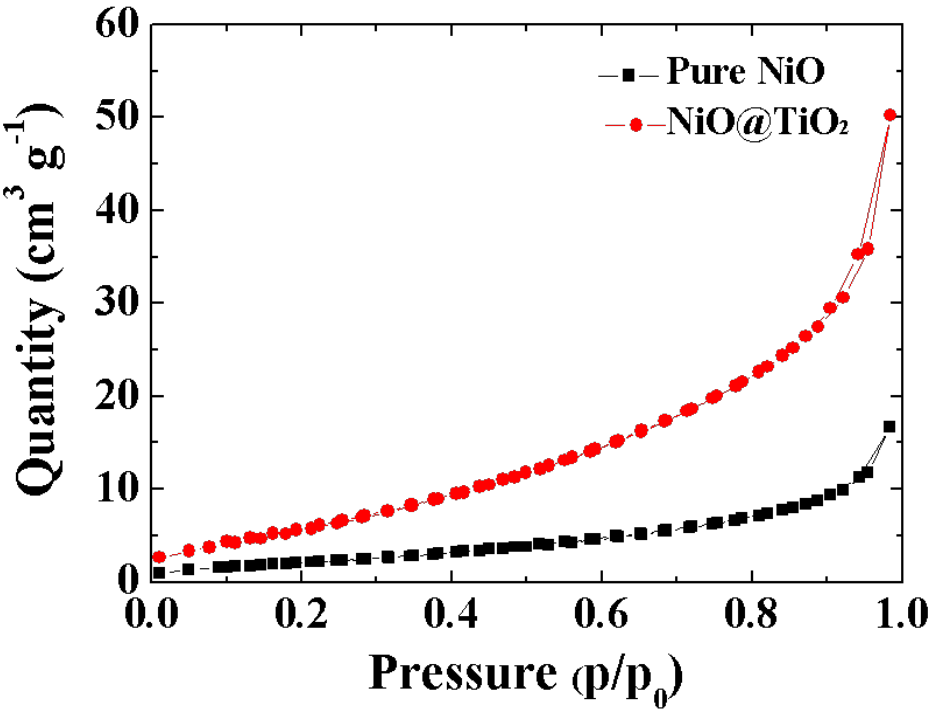

Fig. S5 N_2 adsorption-desorption isotherms measured at 77 K for the pure NiO and NiO@TiO_2 nanopowders.