

Hierarchical macroporous/mesoporous NiCo_2O_4 nanosheets as cathode catalysts for rechargeable Li-O_2 batteries

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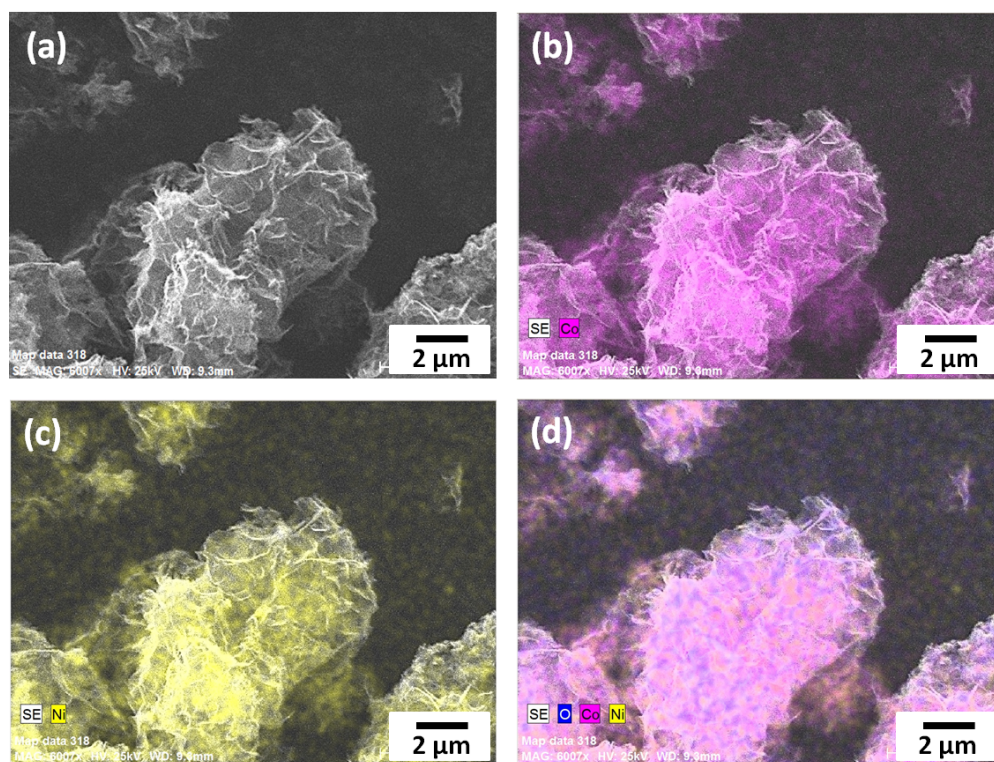


Fig. S1 SEM elemental mapping images of NCO nanosheets.

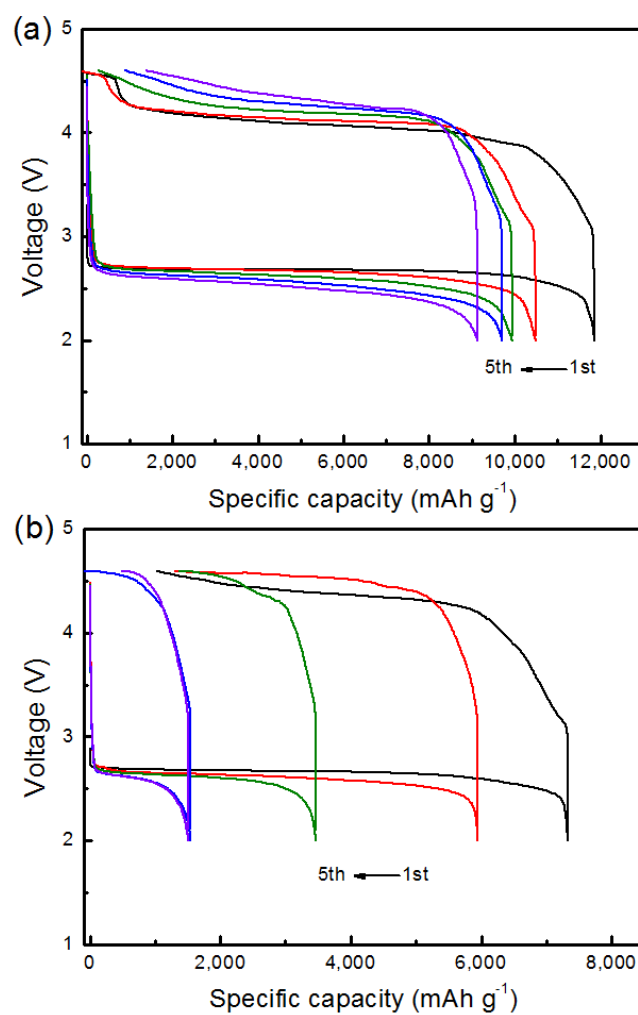


Fig. S2 First five cycle charge/discharge voltage curves of NCO electrode (a) and CB electrode (b) at the current density of 200 mA g⁻¹ in the voltage range of 2.0 - 4.6 V.

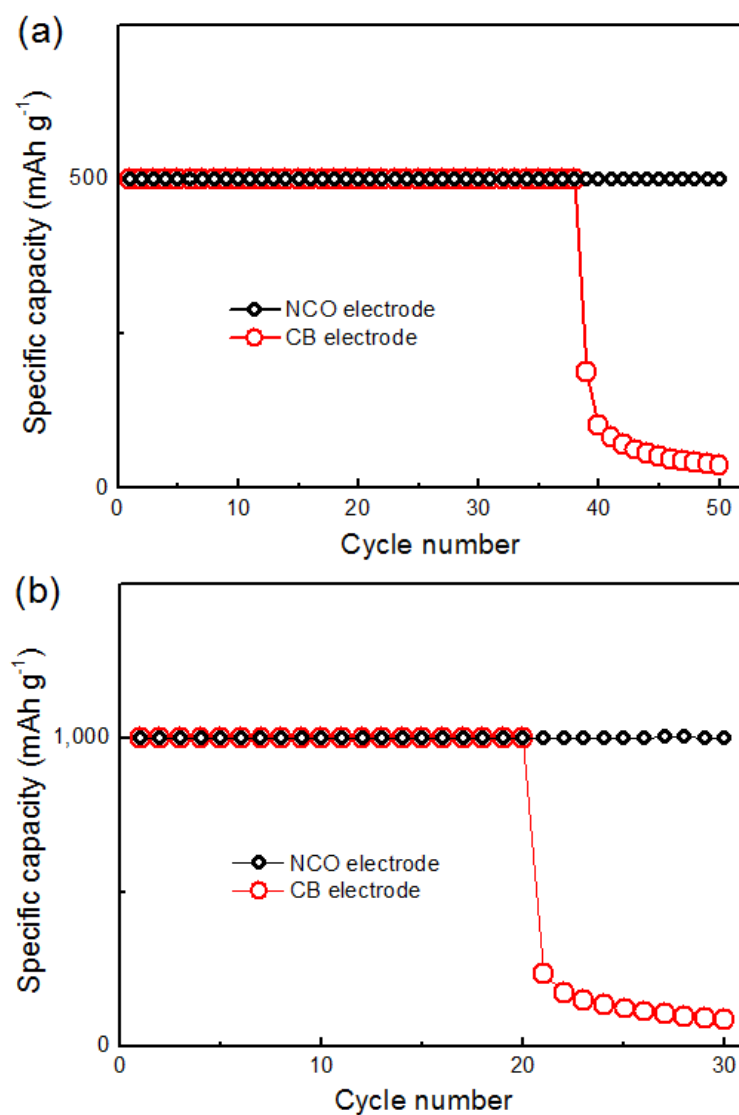


Fig. S3 Specific capacity vs. cycle number of Li-O₂ batteries with NCO nanosheets and CB catalysts at the current density of 200 mA g⁻¹: (a) curtailing the capacity to 500 mA h g⁻¹, (b) curtailing the capacity to 1000 mA h g⁻¹.

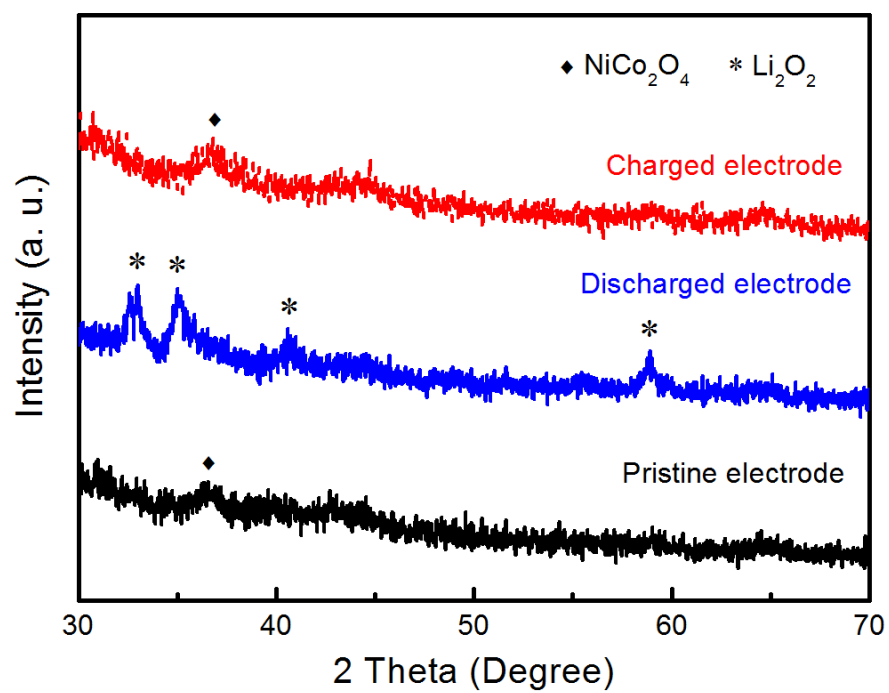


Fig. S4 XRD patterns of NCO electrodes before discharge, after discharge and recharge.

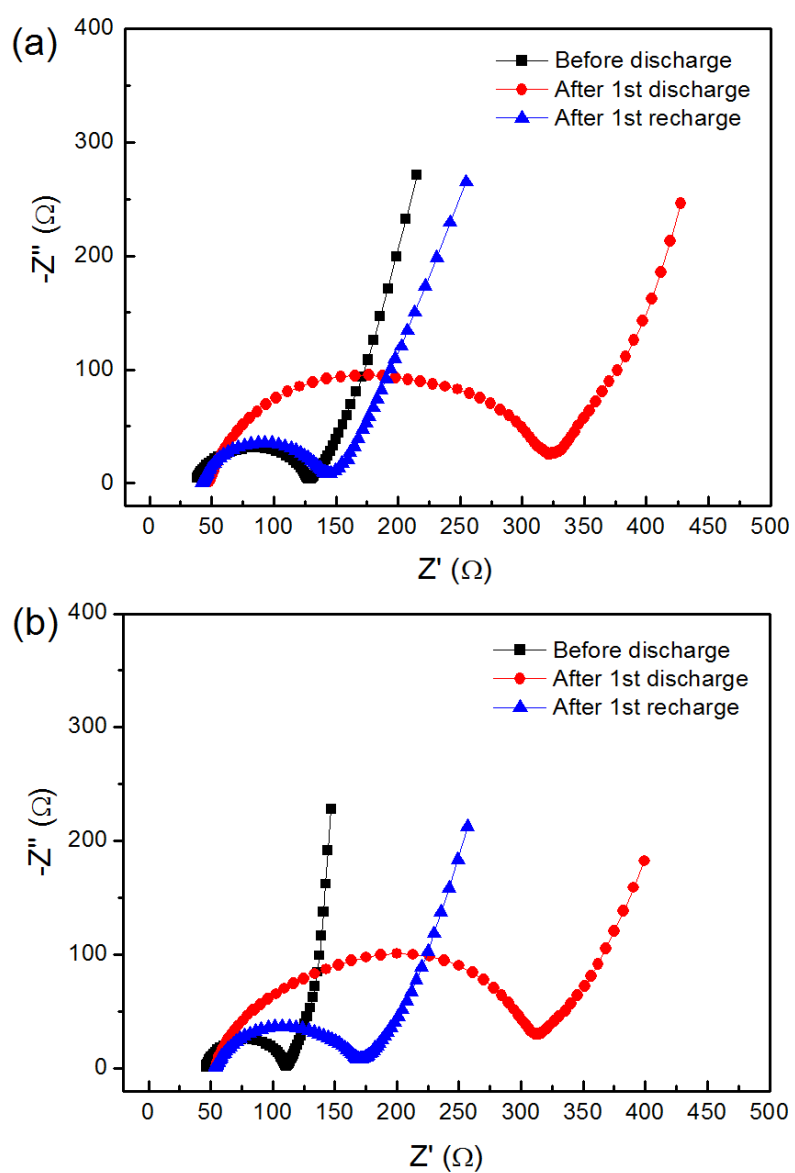


Fig. S5 Electrochemical impedance spectra of (a) NCO and (b) CB electrodes at different charge/discharge states.