

Supporting Information

Controllable Growth of MnO_x Dual-Nanocrystals on N-doped Graphene as Lithium-ion Batteries' Anode

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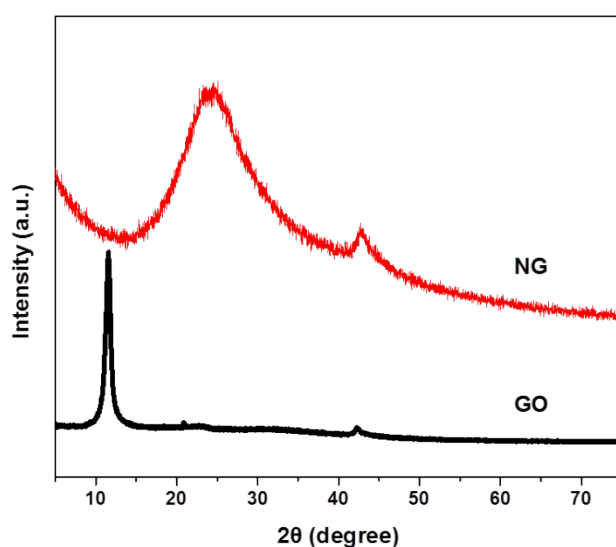


Fig. S1 XRD patterns of GO and NG.

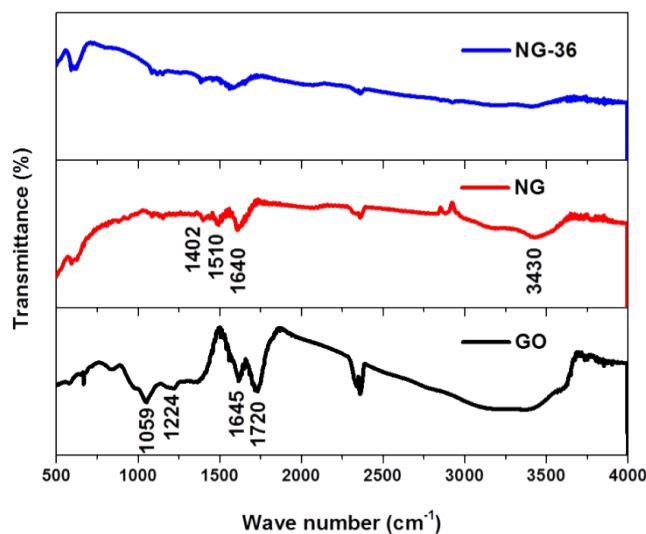


Fig. S2 FT-IR spectra of GO, NG and NG-36.

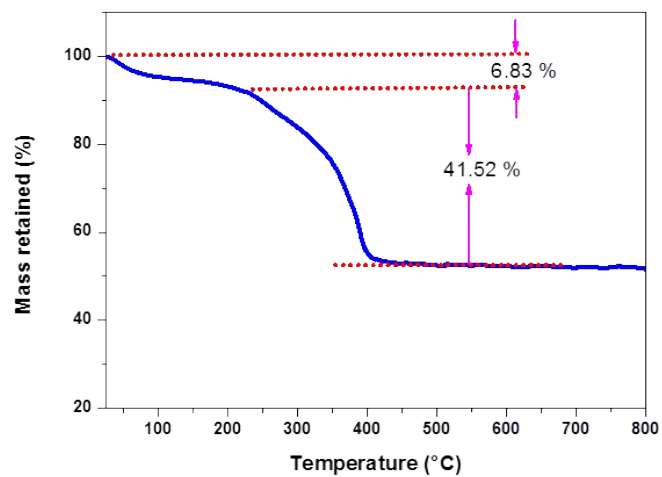


Figure S3 TGA curve of NG-36.

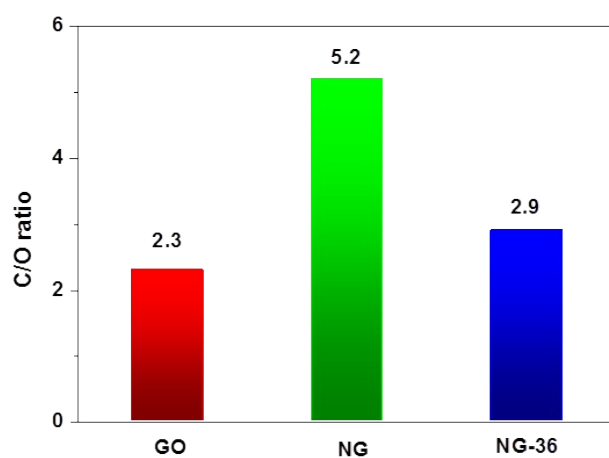


Fig. S4 Relationship of the C/O ratio in the GO, NG, and NG-36.

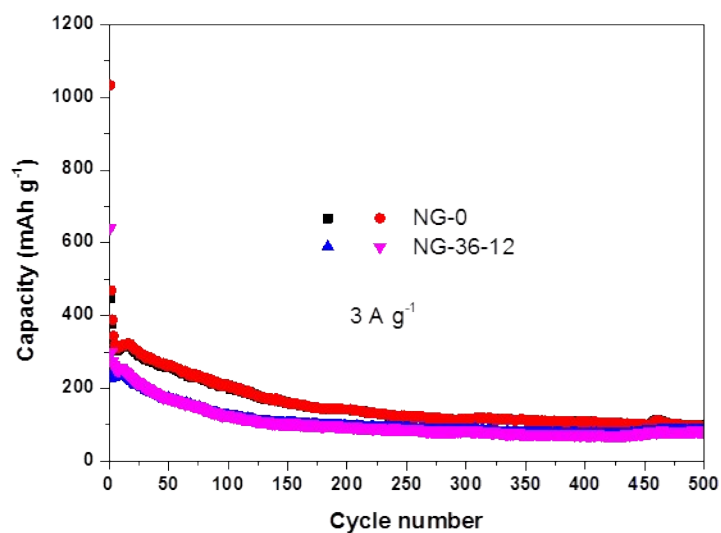


Fig. S5 Long-term cycling performance of the NG-0 and NG-36-12 electrode at 3 A g⁻¹ for 500 cycles.

Table S1. Summary of the elemental contents in GO, NG, and NG-36

Name	GO (at%)	NG (at%)	NG-36 (at%)
C	69.5	78.2	65.7
O	30.5	15.0	23.0
N	--	6.8	6.1
Mn	--	--	5.2