Electronic Supplementary Material (ESI) for New Journal of Chemistry.

Supporting Information:

Facile Fabrication of Graphene-Encapsulated Mn_3O_4 Octahedra Cross-Linked with Silver Network as a High-Capacity Anode Material for Lithium Ion Batteries

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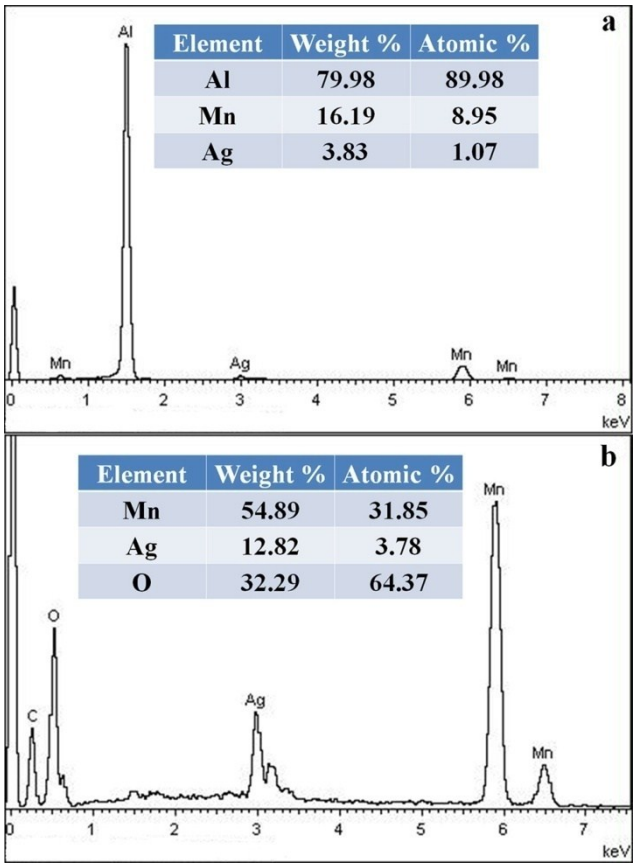

Element	Weight %	Atomic %
Al	79.98	89.98
Mn	16.19	8.95
Ag	3.83	1.07

Element	Weight %	Atomic %
Mn	54.89	31.85
Ag	12.82	3.78
O	32.29	64.37

Fig. S1. The EDS data of (a) MnAgAl alloy and (b) Mn_3O_4/Ag@rGO sample.

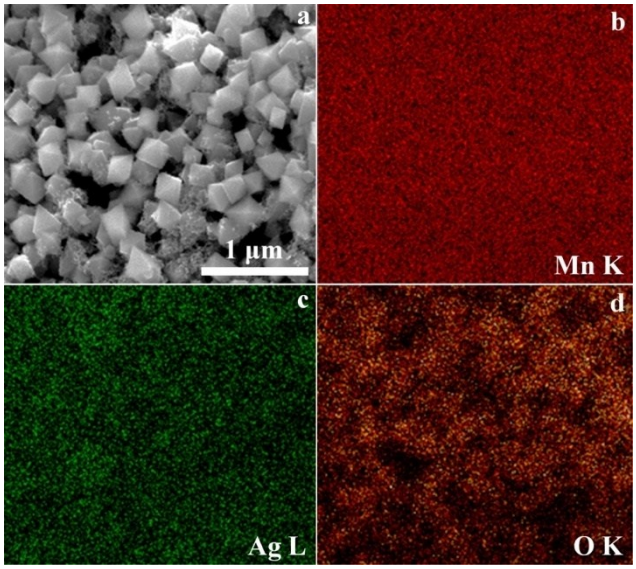

Fig. S2. The element mapping images of the Mn_3O_4/Ag.

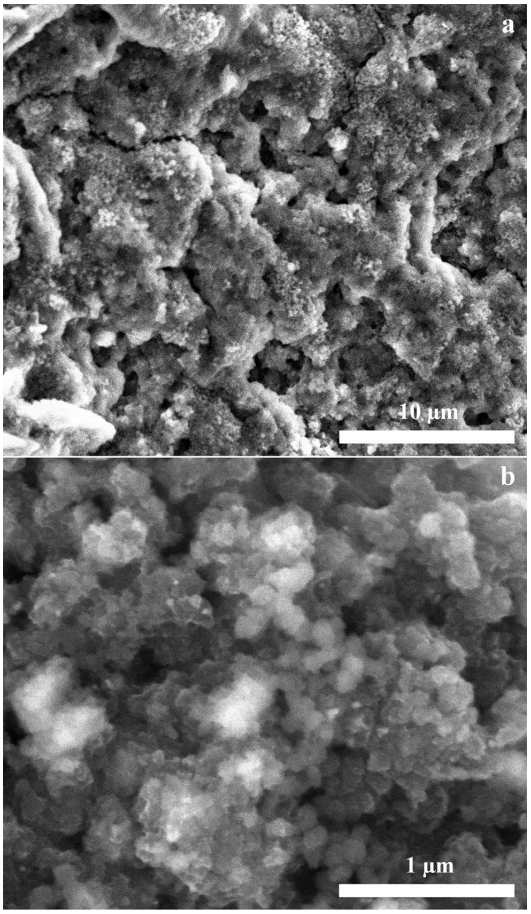

Fig. S3. The SEM images of Mn_3O_4/Ag@rGO after cycled for 200 cycles at the current density of 300 $mA \cdot g^{-1}$.