Electronic Supplementary Material (ESI) for Nanoscale.
This journal is © The Royal Society of Chemistry 2014

Porous Nano-structured Co_3O_4 Anode Materials Generated from Coordination-Driven Self-Assembled Aggregates for Advanced Lithium Ion Batteries

Danhua Ge,[a] Hongbo Geng,[a] Jiaqing Wang,[a] Junwei Zheng,[b] Yue Pan,[a] Xueqin Cao*[a] and Hongwei Gu*[a]

Supporting Information

Figure S1. The TGA image of the solid nanospheres of CDSAAs.

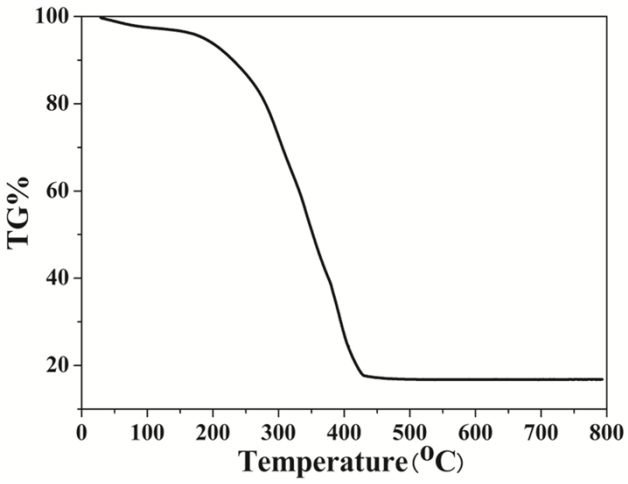
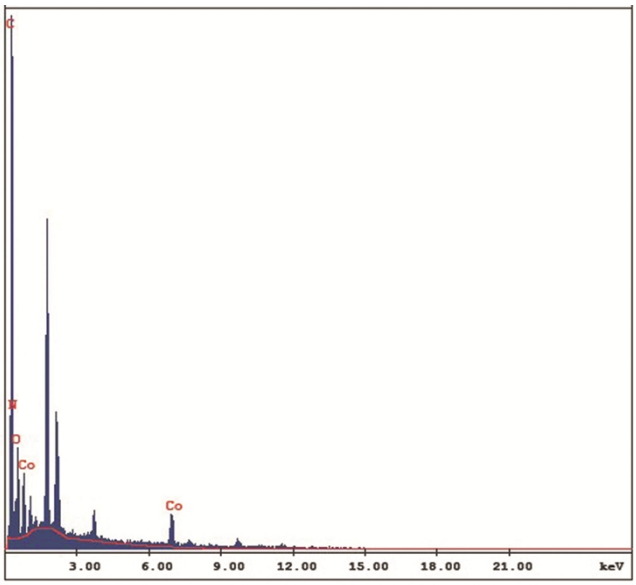
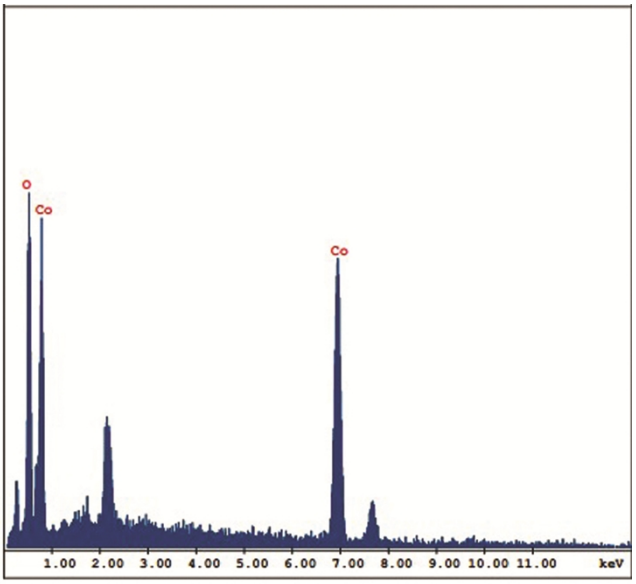


Figure S2. The EDS image of the solid nanospheres of CDSAAs.



Element	Wt %	At %
C K	59.55	72.00
N K	12.71	13.18
O K	12.07	10.96
CoK	15.67	3.86
Total	100.00	100.00

Figure S3. The EDS image of the porous and hollow Co_3O_4 nanospheres.



Element	Wt %	At %
O K	13.52	36.54
CoK	86.48	63.46
Total	100.00	100.00

Table S1. BET surface area and pore volume of the the porous hollow Co_3O_4 nanospheres.

Materials	BET surface area ($m^2 \cdot g^{-1}$)	Pore volume ($cm^3 \cdot g^{-1}$)
Co_3O_4	3.18	0.020
the triple-shelled Co_3O_4 [1]	2.15	0.019

References

1. J. G. Wang, N. L. Yang, H. J. Tang, Z. H. Dong, Q. Jin, M. Yang, D. Kisailus, H. J. Zhao, Z. Y. Tang, D. Wang, *Angew. Chem. Int. Ed.*, 2013, **52**, 1.