

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

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Supporting Information

Large-scale controllable synthesis of micro/nano-structured
 MnCo_2O_4 with multiporous core-shell architectures as
high-performance anode materials for lithium-ion batteries

Xiaoyu Wu, Songmei Li^{*}, Bo Wang, Jianhua Liu, Mei Yu

*Key Laboratory of Aerospace Advanced Materials and Performance of Ministry of
Education, School of Materials Science and Engineering, Beihang University, Beijing,
100191, P. R. China*

* Corresponding author. Tel: +86 10 82317103; fax: +86 10 82317103.

E-mail address: songmei_li@buaa.edu.cn.

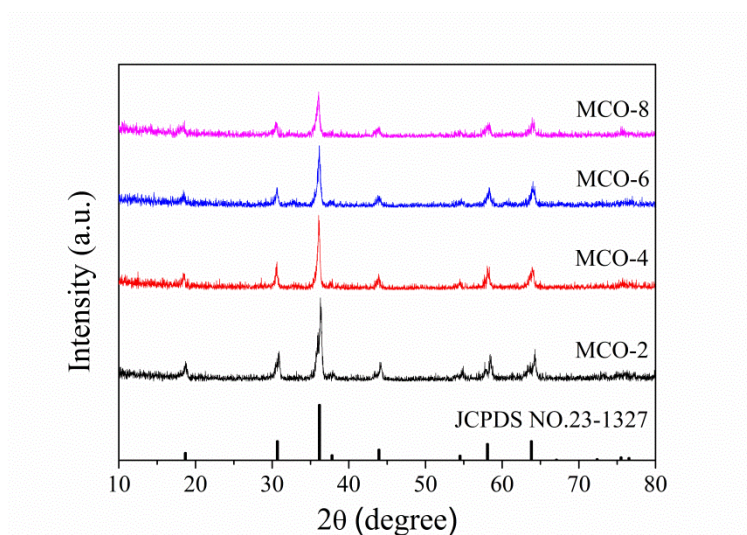


Fig. S1 XRD patterns of the various micro/nano-structured MnCo₂O₄

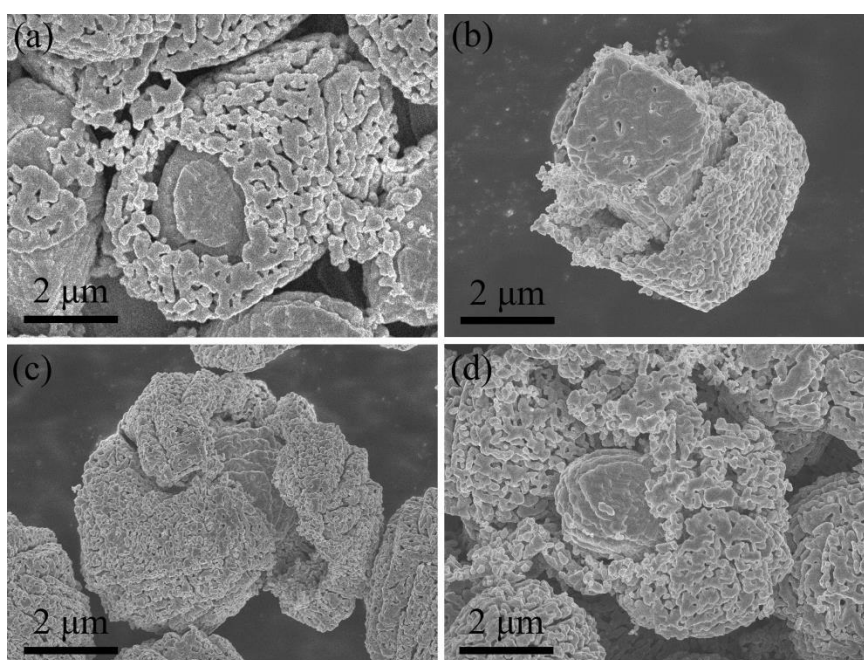


Fig. S2 SEM images of the various micro/nano-structured MnCo₂O₄ with broken shells

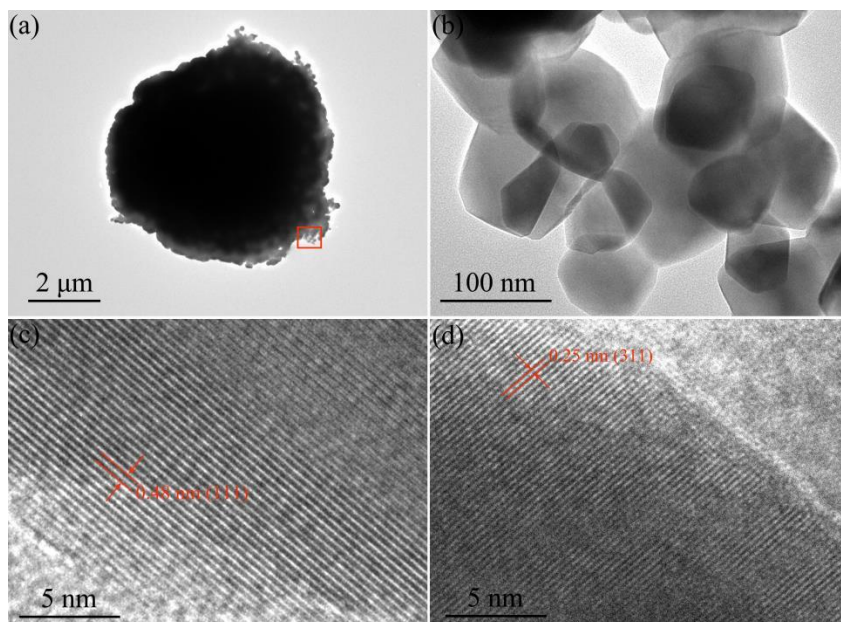


Fig. S3 (a, b) TEM and (c, d) HRTEM images of the MnCo_2O_4 microspheres

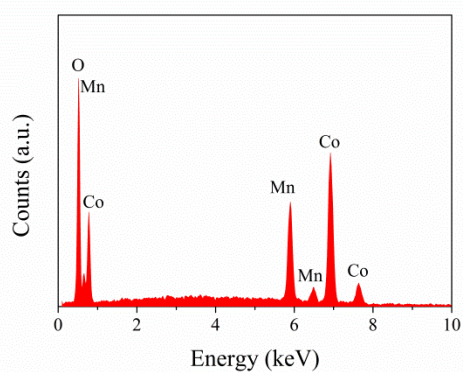


Fig. S4 EDS spectrum of the MnCo_2O_4 microspheres

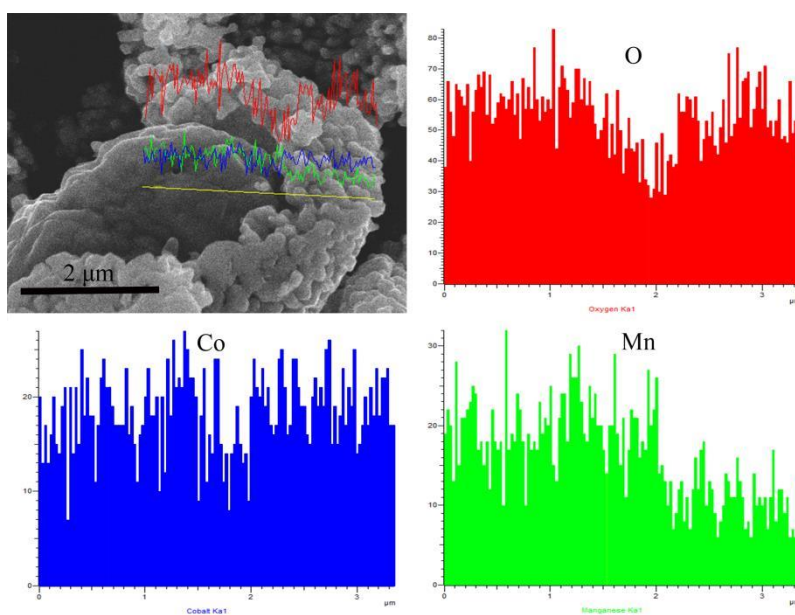


Fig. S4 EDS line-scanning results of the MnCo_2O_4 products

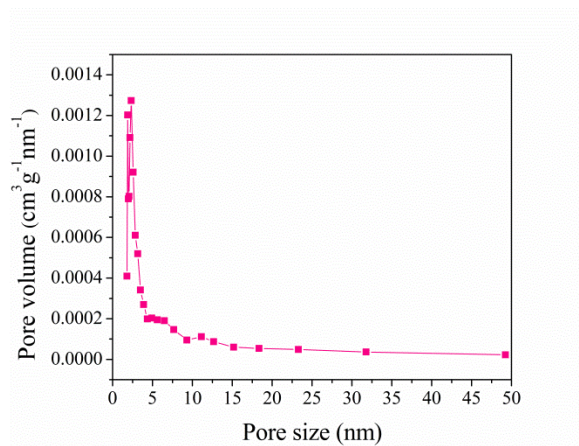


Fig. S6 BJH pore size distributions of the MnCo_2O_4 microspheres

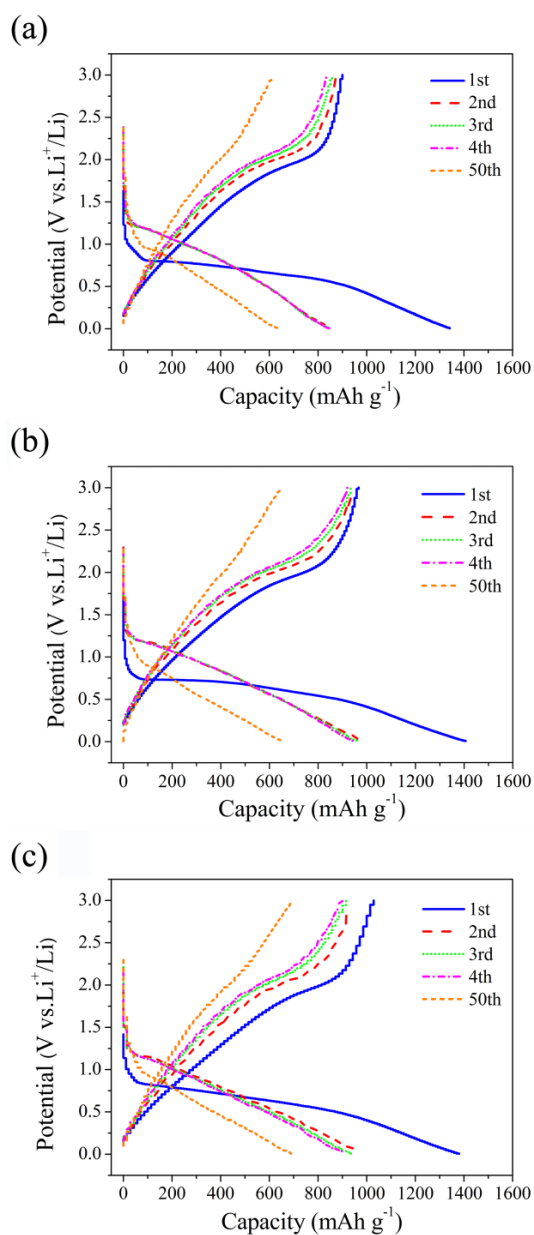


Fig. S7 Charge-discharge voltage profiles of the MnCo_2O_4 (a) microellipses, (b) microcubes, (c) twin microspheres electrodes at a current density of 400 mA g^{-1}

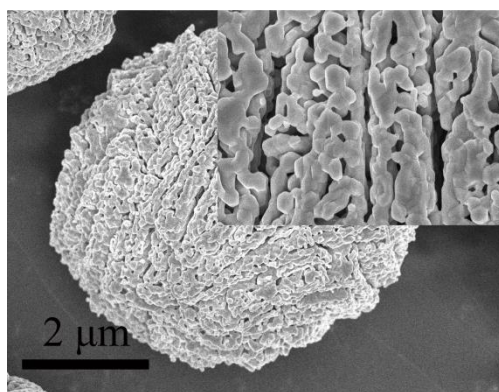


Fig. S8 SEM images of the MnCo₂O₄ microspheres (the insert is the magnified SEM image of the surface of the MnCo₂O₄ microspheres).