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## **Supplementary information**

## Controllable fabrication of LiMnPO<sub>4</sub> nanoplates-radially arranged microspheres with highly exposed (010) facet for enhanced electrochemical performance

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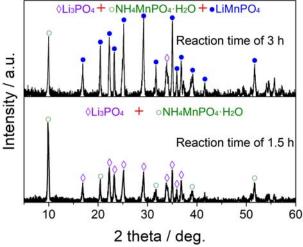
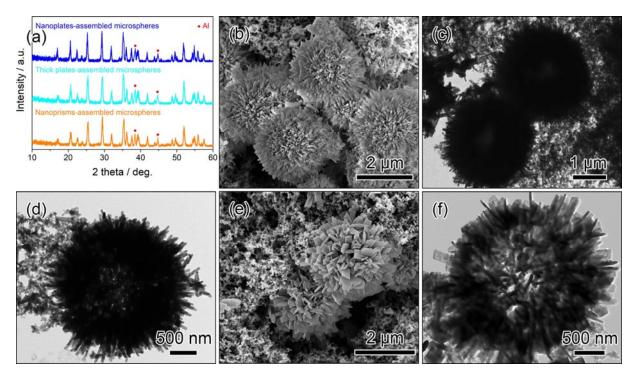


Fig. S1 XRD patterns of the intermediates obtained for different reaction times.



**Fig. S2** XRD patterns (a) of the three microspheres after cycling for 200 cycles at 1 C at the discharge states, and morphological and structural characterizations of the nanoprisms-assembled (b, c and d) and the thick plates-assembled (e and f) microspheres after cycling.