

### Supporting Information

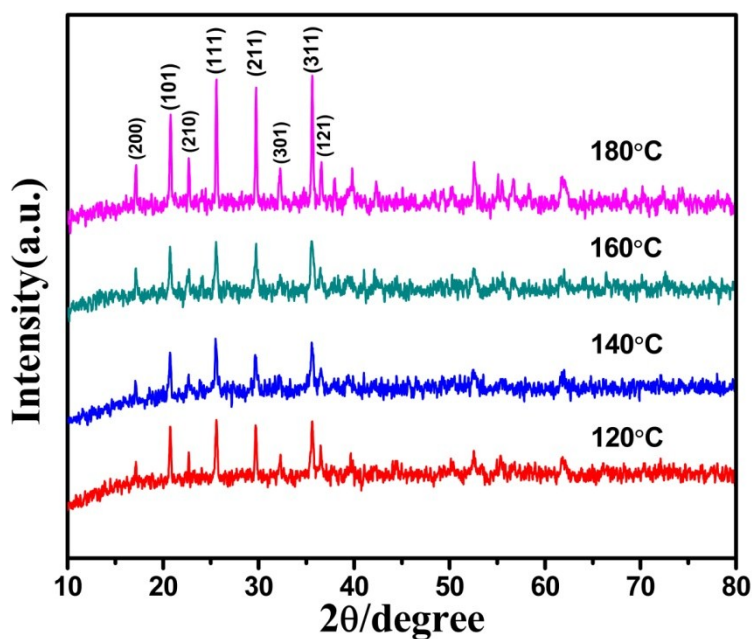


Figure S1. XRD patterns of the LFP/C-5 samples prepared under different reaction temperature.

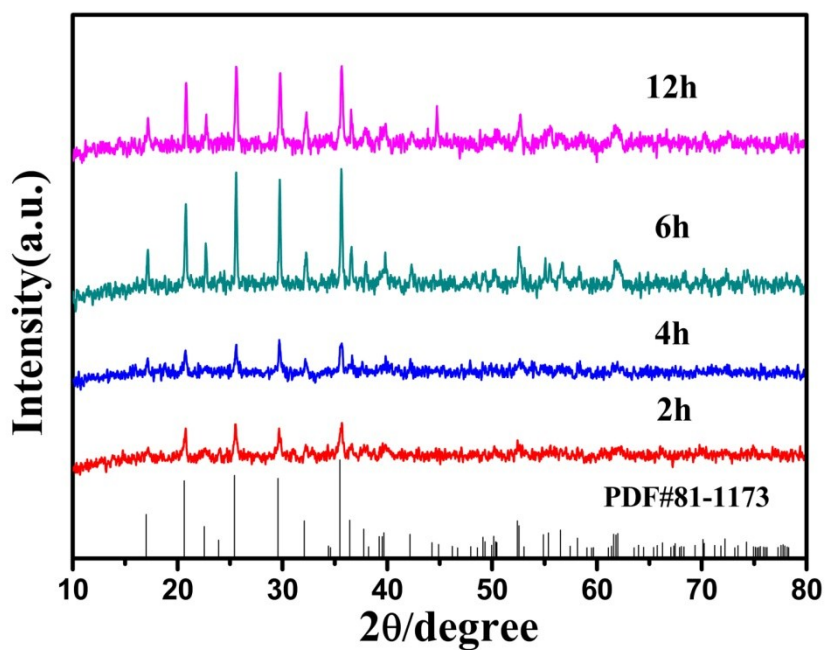


Figure S2. XRD patterns of the LFP/C-5 samples prepared with different reaction time.

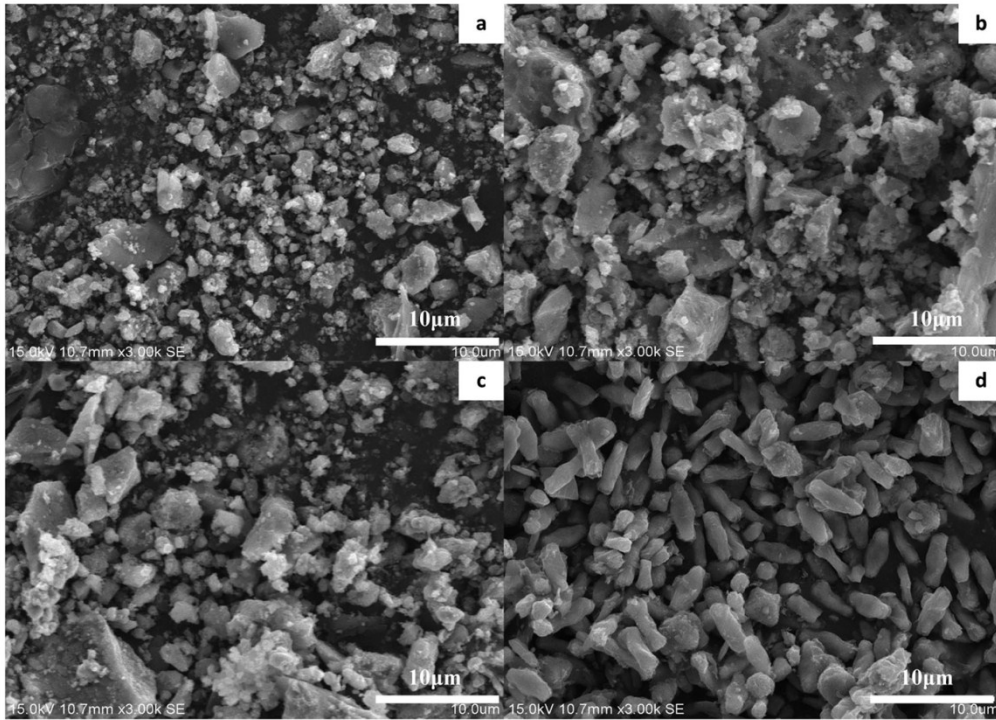


Figure S3. SEM images of LFP/C-5 samples prepared by various reaction temperature:  
(a) 120°C, (b) 140°C, (c) 160°C and (d) 180°C, respectively.

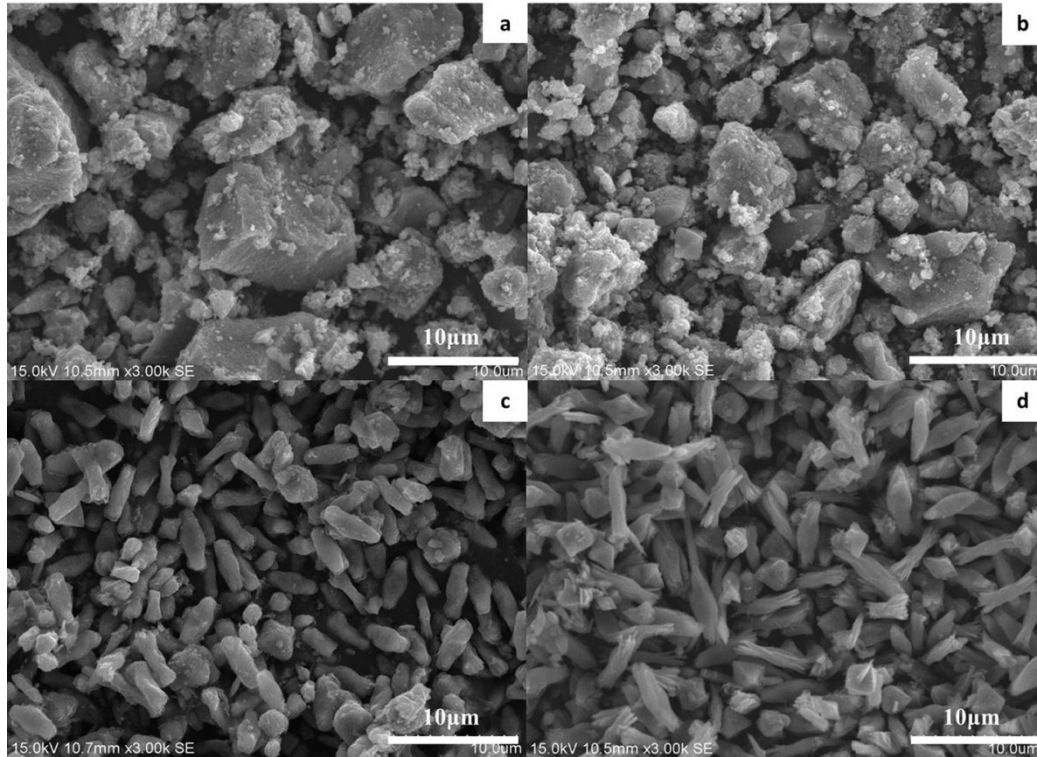


Figure S4. SEM images of LFP/C-5 samples prepared by various reaction time: (a) 2h,  
(b) 4h, (c) 6h and (d) 12h, respectively.

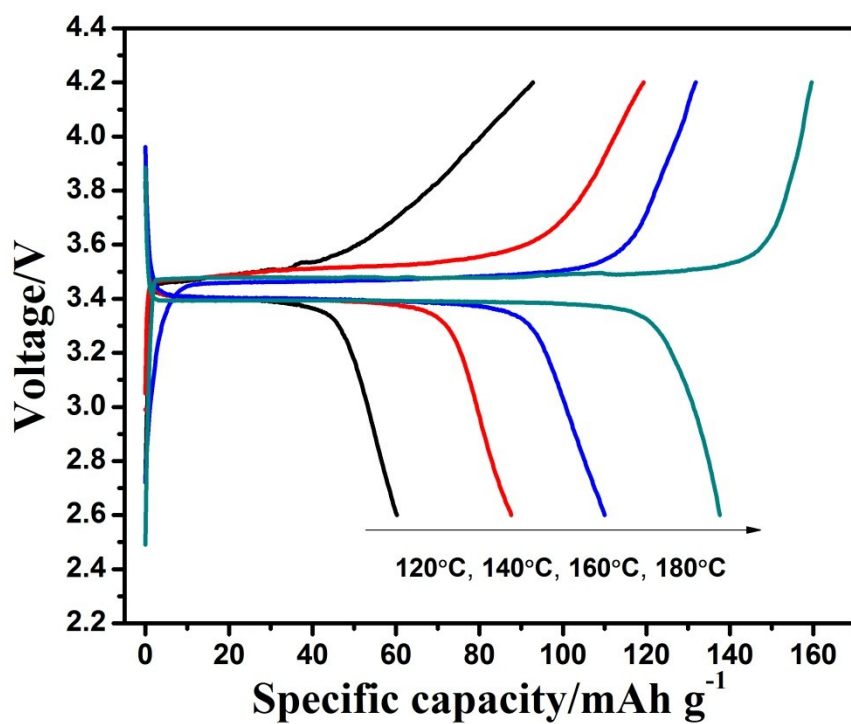


Figure S5. First charge/discharge curves of prepared by different reaction temperature.

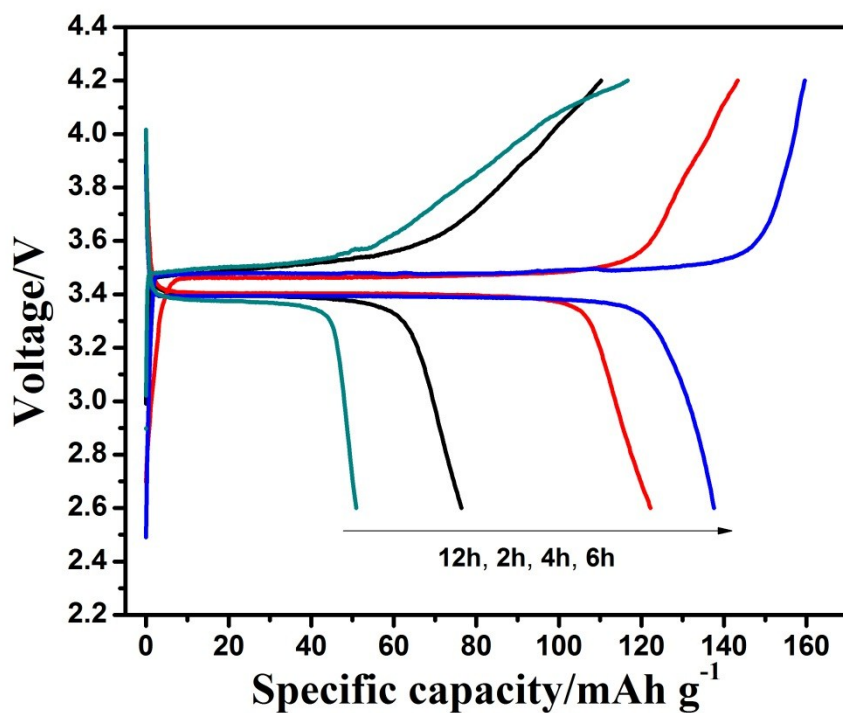


Figure S6. First charge/discharge curves of prepared by different reaction time.