Supplementary Information

Figure S1 (a) and (b) back scattered electron SEM images of the hydrothermally synthesized samples without KOH

Figure S2 (a) TG and (b) Raman spectra of a representative LiMnPO$_4$/C sample

Figure S3 Galvanostatic charge-discharge profiles of the raw LiMnPO$_4$ flower-like nanostructures