SUPPORTING INFORMATION

In-situ carbon coated LiFePO₄/C micro rods with improved lithium intercalation behavior

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Figure S1 XRD pattern of hydrothermally synthesized LiFePO₄/C samples at 200 °C using different carbon additives
Figure S2 (a) SEM images of LiFePO$_4$/C obtained by an in-situ addition of Glucose and magnified micro-sphere bunch of 2µm composed of 150-200 nm LiFePO$_4$, (b) SEM images of the LiFePO$_4$/C obtained by an in-situ PAA assisted LiFePO$_4$ rod and magnified micro rod composed of LiFePO$_4$ nano particle.
Fig. 3 FE SEM elemental mapping of LiFePO$_4$/C (LFP-PAA) composite