

SUPPORTING INFORMATION

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

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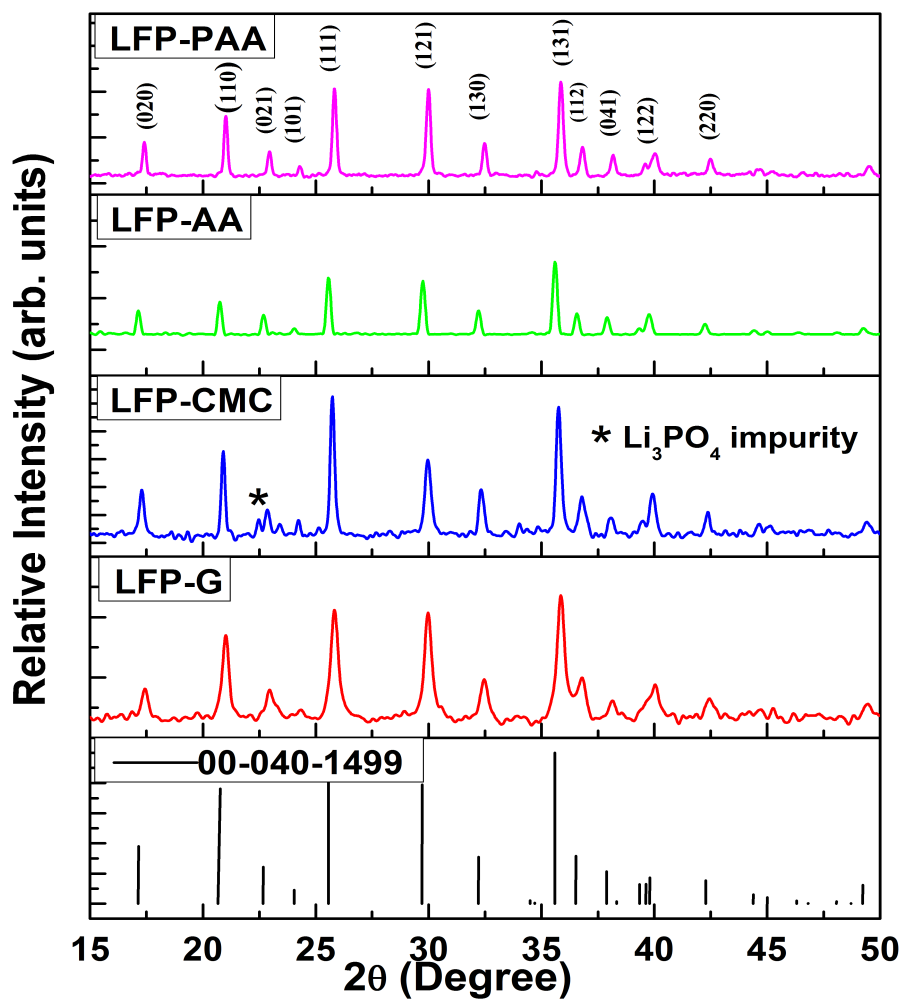


Figure S1 XRD pattern of hydrothermally synthesized LiFePO₄/C samples at 200 °C using different carbon additives

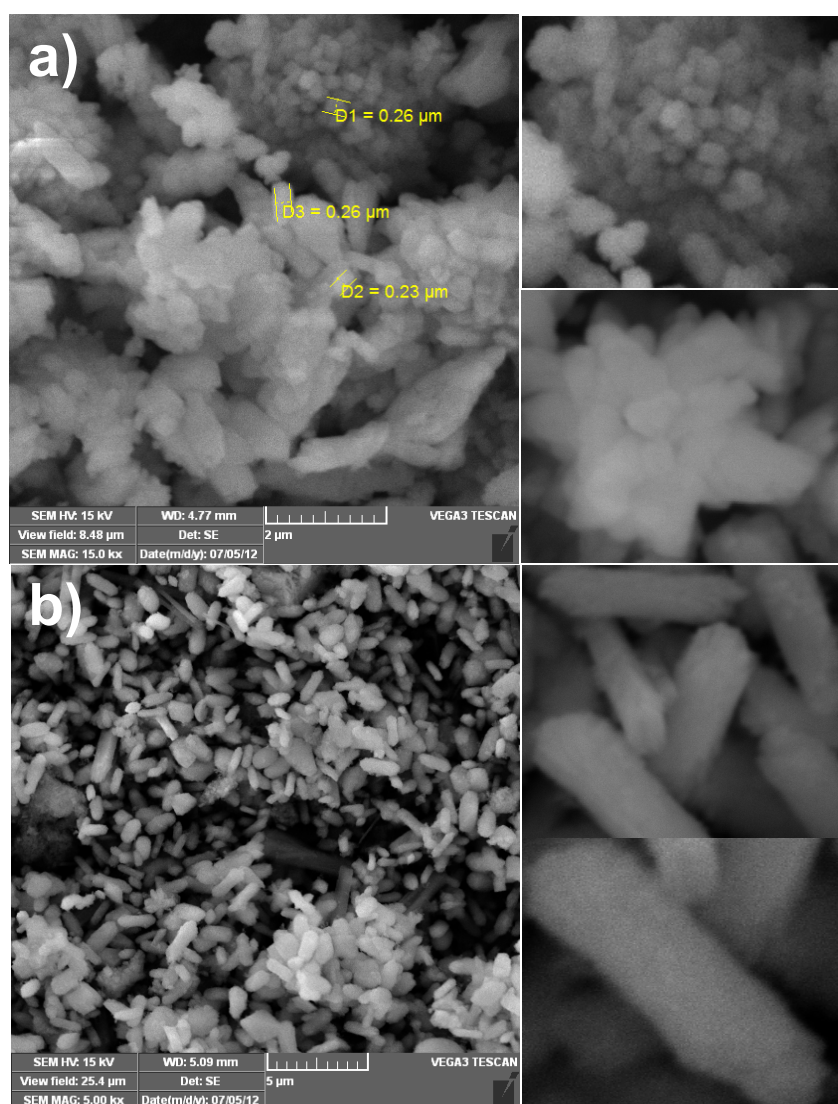


Figure S2 (a) SEM images of LiFePO_4/C obtained by an in-situ addition of Glucose and magnified micro-sphere bunch of $2\mu\text{m}$ composed of $150\text{-}200\text{ nm}$ LiFePO_4 , (b) SEM images of the LiFePO_4/C obtained by an in-situ PAA assisted LiFePO_4 rod and magnified micro rod composed of LiFePO_4 nano particle.

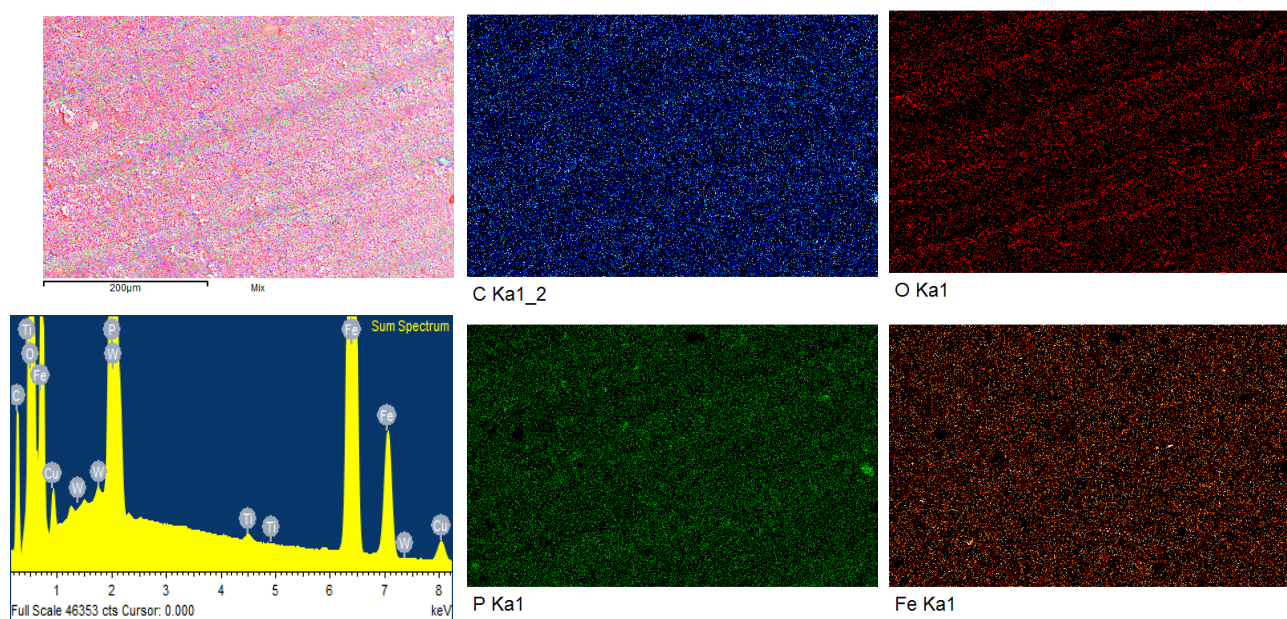


Fig. 3 FE SEM elemental mapping of LiFePO_4/C (LFP-PAA) composite