

Supporting Information

How to synthesize pure $\text{Li}_{2-x}\text{FeSi}_{1-x}\text{P}_x\text{O}_4/\text{C}$ ($x=0.03-0.15$) easily from low-cost Fe^{3+} as cathode materials for Li-ion batteries

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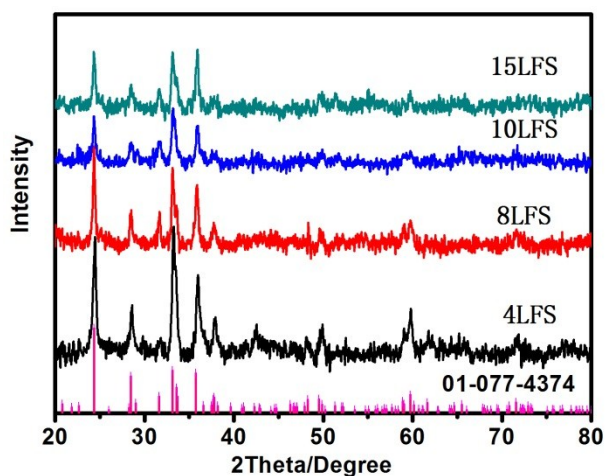


Fig. S1 XRD patterns of as-synthesized 4LFS, 8LFS, 10LFS and 15LFS

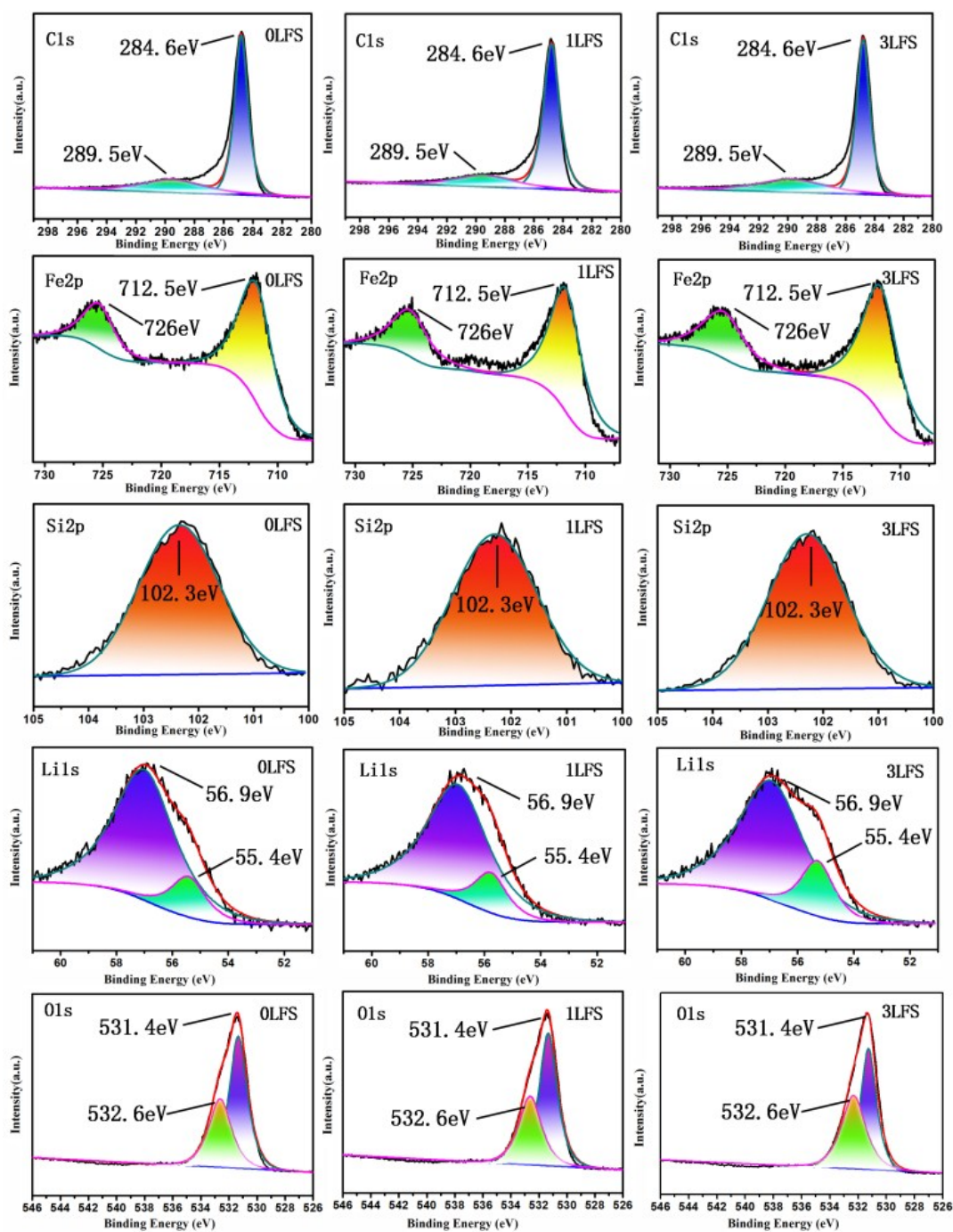


Fig. S2 XPS spectra of C, Fe, Si, Li and O in the synthesized materials 0LFS, 1LFS and 3LFS.