

Supporting Information

On the beneficial effect of MgCl₂ as electrolyte additive to improve the electrochemical performance of Li₄Ti₅O₁₂ as cathode in Mg Batteries

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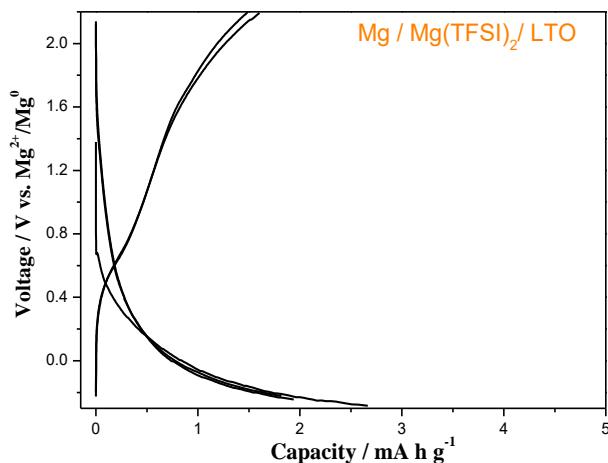


Figure S1. Galvanostatic discharge/charge curves of LTO sample in a three-electrode Mg cell using 0.5 M Mg(TFSI)₂ in DME.

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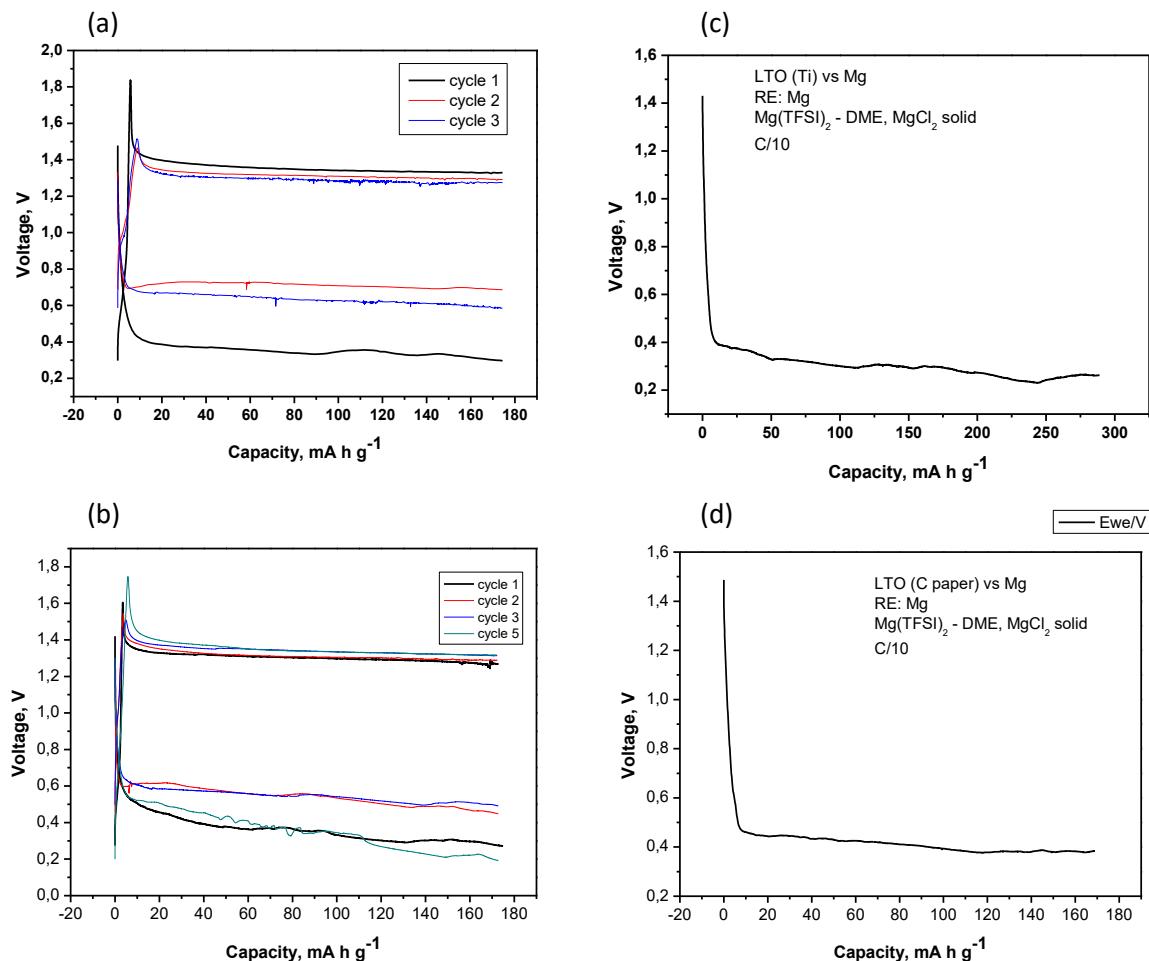


Figure S2. Galvanostatic discharge/charge curves of LTO sample in a three-electrode Mg cell using $0.5 \text{ M Mg(TFSI)}_2 + 0.13 \text{ M MgCl}_2 \cdot 6\text{H}_2\text{O}$ in DME electrolyte in different current collector: (a-c) Ti foil and (d) C paper.