

Supporting Information for

Effect of Ga₂O₃ Addition on the Properties of Garnet-type Ta-doped Li₇La₃Zr₂O₁₂ Solid Electrolyte

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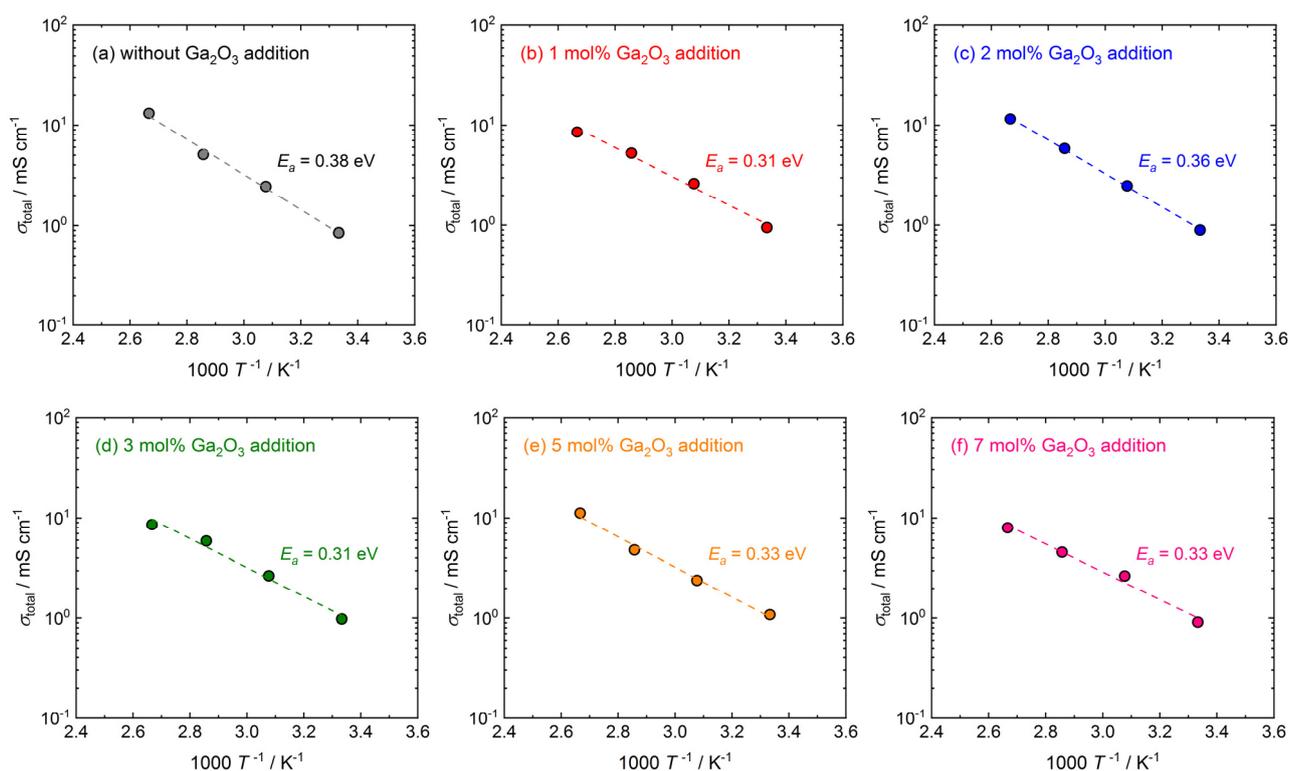


Figure S1. Temperature dependence for total ionic conductivity σ_{total} for Ta-LLZO sintered with or without Ga₂O₃ addition.

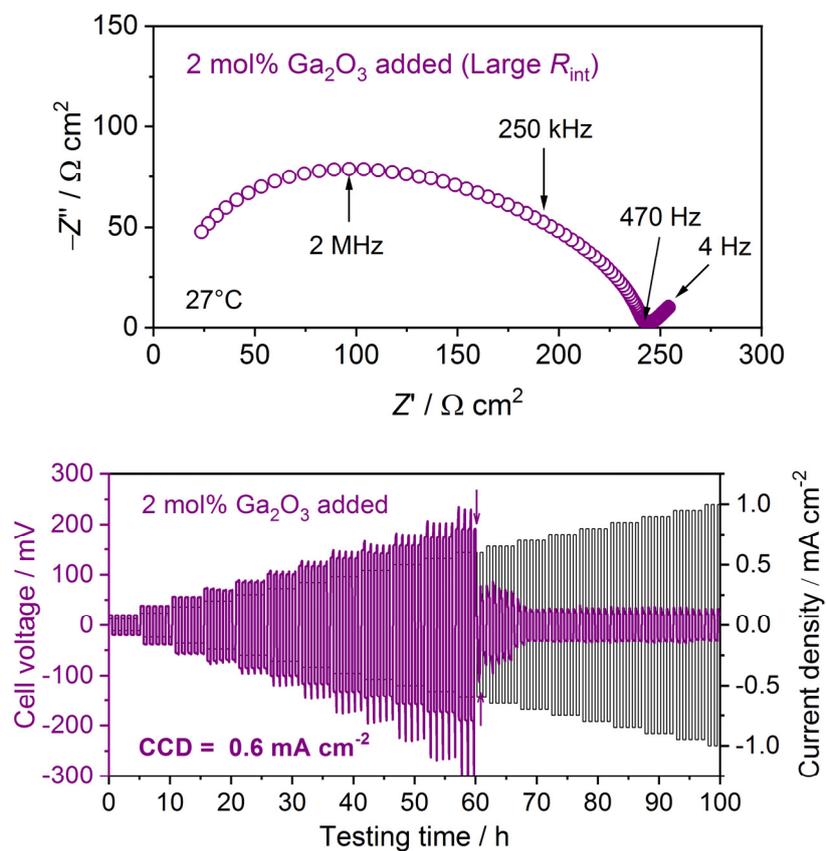


Figure S2. Nyquist plot for complex impedance (top) and voltage response in galvanostatic cycling test (bottom) for Li symmetric cell with larger interfacial resistance R_{int} composed with 2 mol % Ga₂O₃ added Ta-doped LLZO.