



Al-incorporation into $\text{Li}_7\text{La}_3\text{Zr}_2\text{O}_{12}$ solid electrolyte keeping stabilized cubic phase for all-solid-state Li batteries

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Highlights

- Al-incorporation into Li-insufficient garnet solid electrolyte
- Al occupancy in Li sites changed for keeping stable cubic phase
- Al-incorporated LLZO preventing the expansion of Li_2CO_3

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