**Project title**: ICSF Wave 1: GENESIS: Garnet Electrolytes for New Energy Storage Integrated Solutions (EP/R024006/1).

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**Ubira eData dataset record title:** ***Research data supporting the publication “****Halogenation of Li7La3Zr2O12 Solid Electrolytes: A Combined Solid-State NMR, Computational and Electrochemical Study”.*

The following files have been archived:

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| **File name** | **File description (Short description of content, sample size, format, any linking between different types of data, i.e. survey and interviews/focus groups)** |
| LLZOF.xy | XRD data |
| LLZO.xy | XRD data |
| 0.5PE\_LLZO.xy | XRD data |
| 0.5PTFE\_LLZO.xy | XRD data |
| 0.75PVC\_LLZO.xy | XRD data |
| 1.0PVC\_LLZO.xy | XRD data |
|  |  |

**Publications**: (based on this data, if any)

*Halogenation of Li7La3Zr2O12 Solid Electrolytes: A Combined Solid-State NMR, Computational and Electrochemical Study. Journal of Materials Chemistry A. In press.*