

Supplementary Material

for

Conductivity enhancement within garnet-rich polymer composite electrolytes via the addition of succinonitrile

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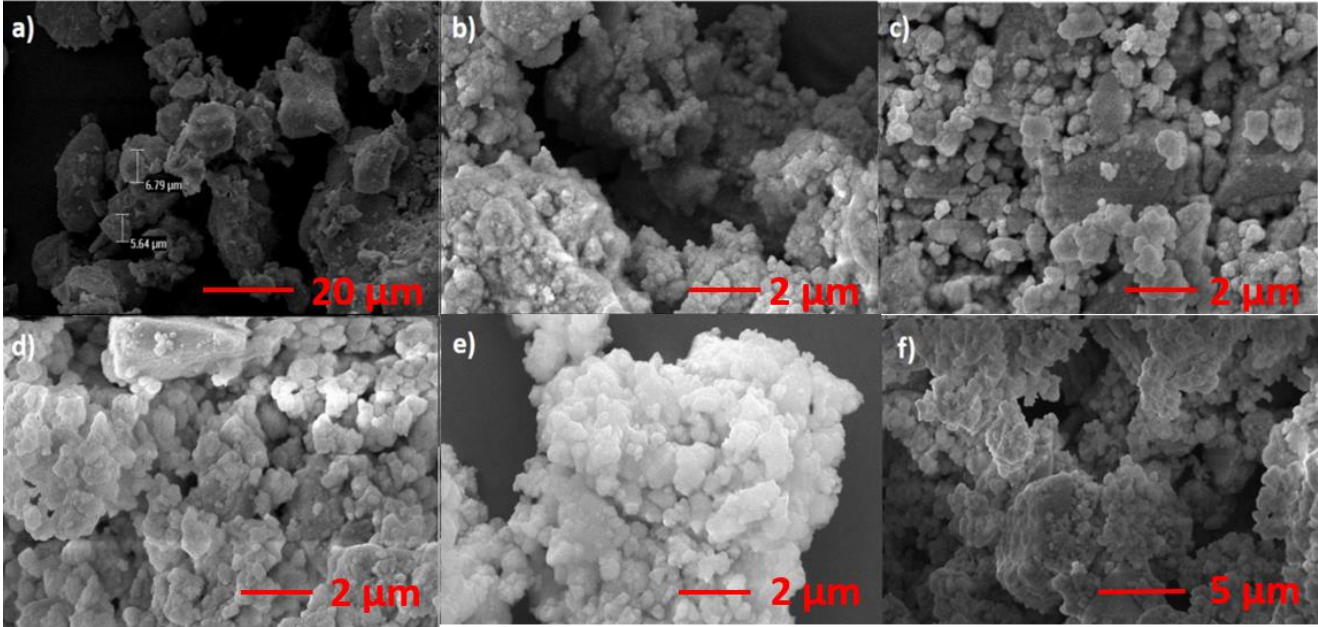


Fig. S1: SEM micrographs recorded for the a) as synthesized LLZTO powders. Powders milled at 600 RPM for b) 4 Hours c) 8 hours, d) 12 hours, e) 16 hours and f) 20 hours.

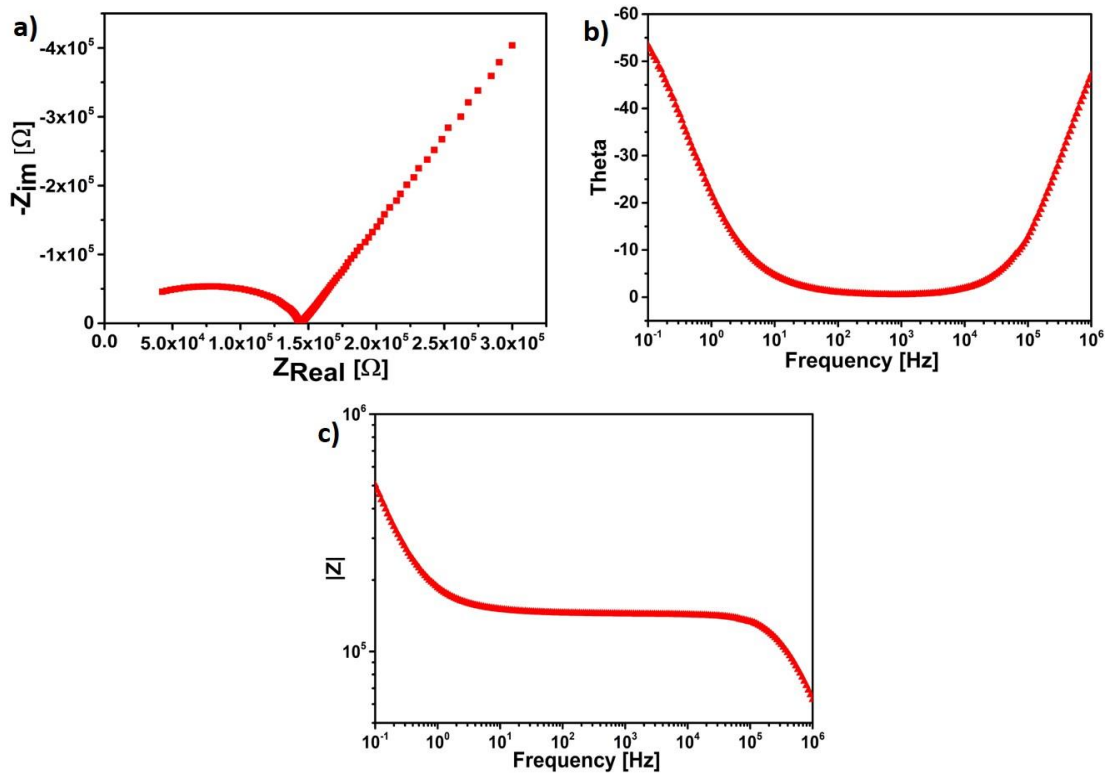


Fig. S2:-NYQUIST and Respective bode plot measured for PEO with molecular weight 100000 with 1:30 molar ratio of LiTFSI.