

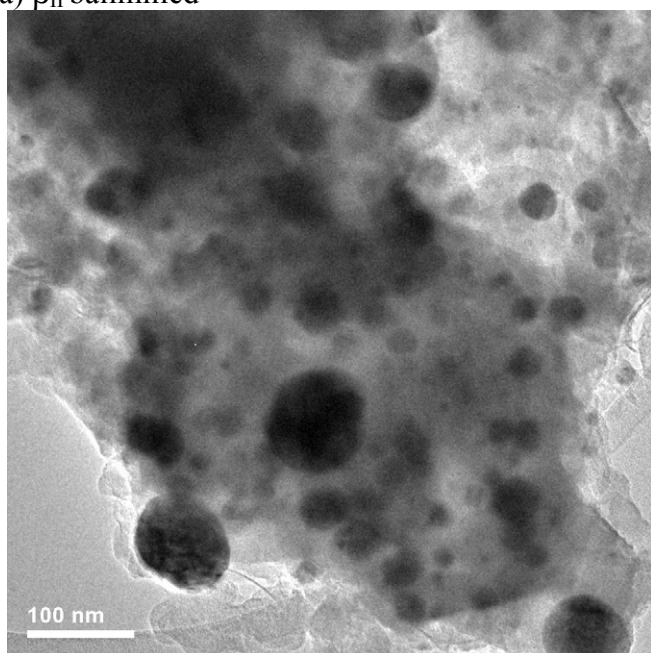
Supplementary information to accompany

The Lithium Intercalation Compound $\text{Li}_2\text{CoSiO}_4$ and its Behaviour as a Lithium Battery

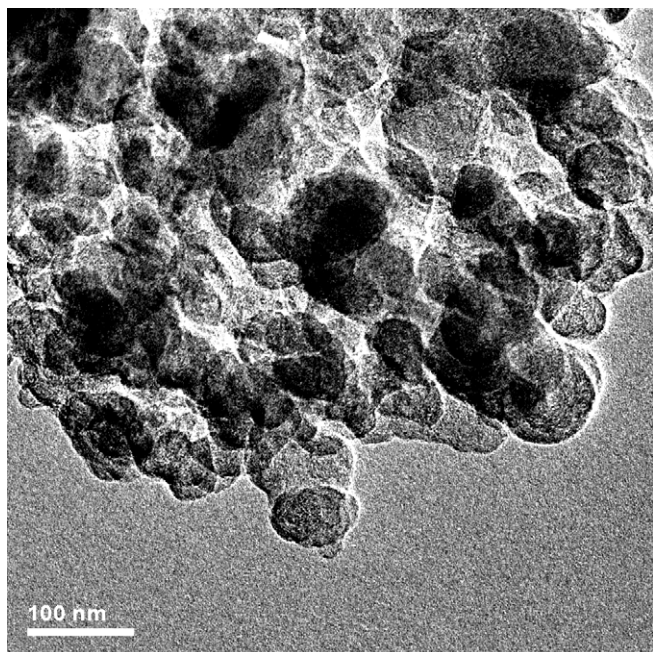
Cathode

TEM images of composite cathodes formed after combining Kynar with the ball-milled mixture $\text{Li}_2\text{CoSiO}_4$ / Super P. a) β_{II} , b) β_1 c) γ_0 . The particles are embedded in the polymer film.

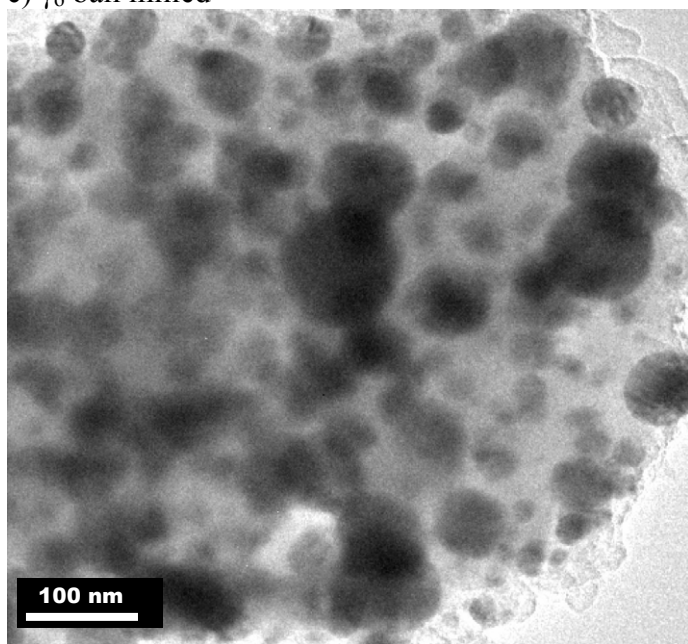
a) β_{II} ballmilled



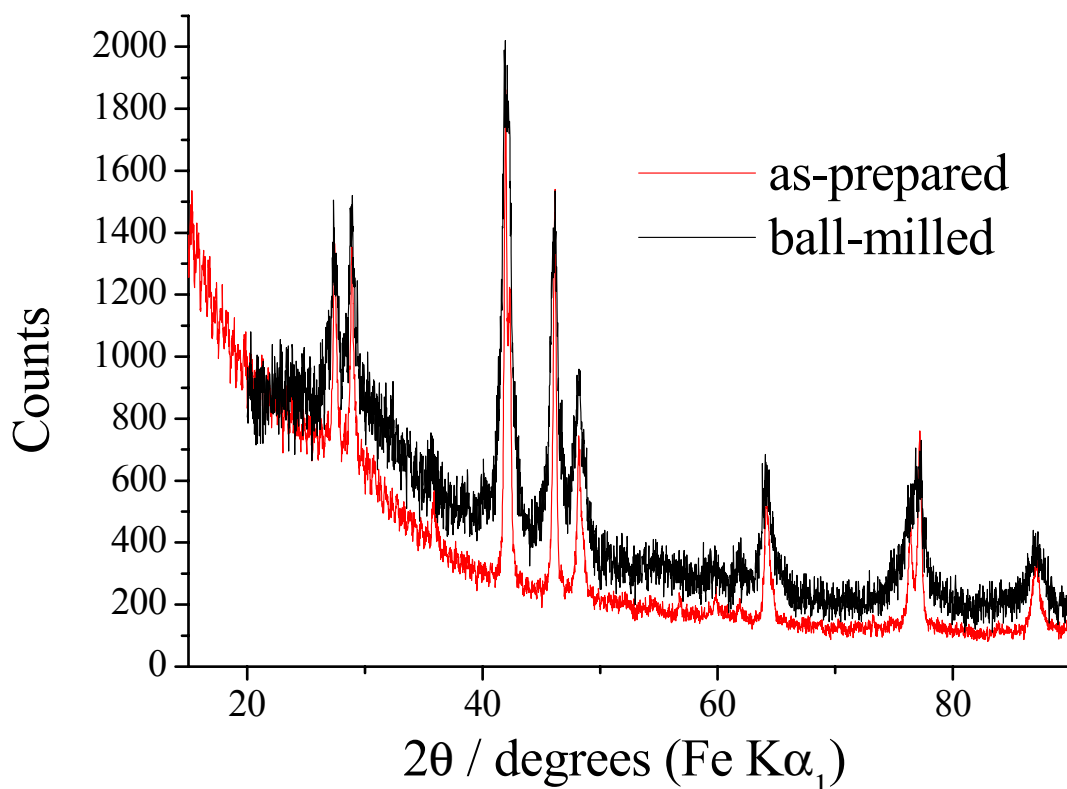
b) β_1 ballmilled



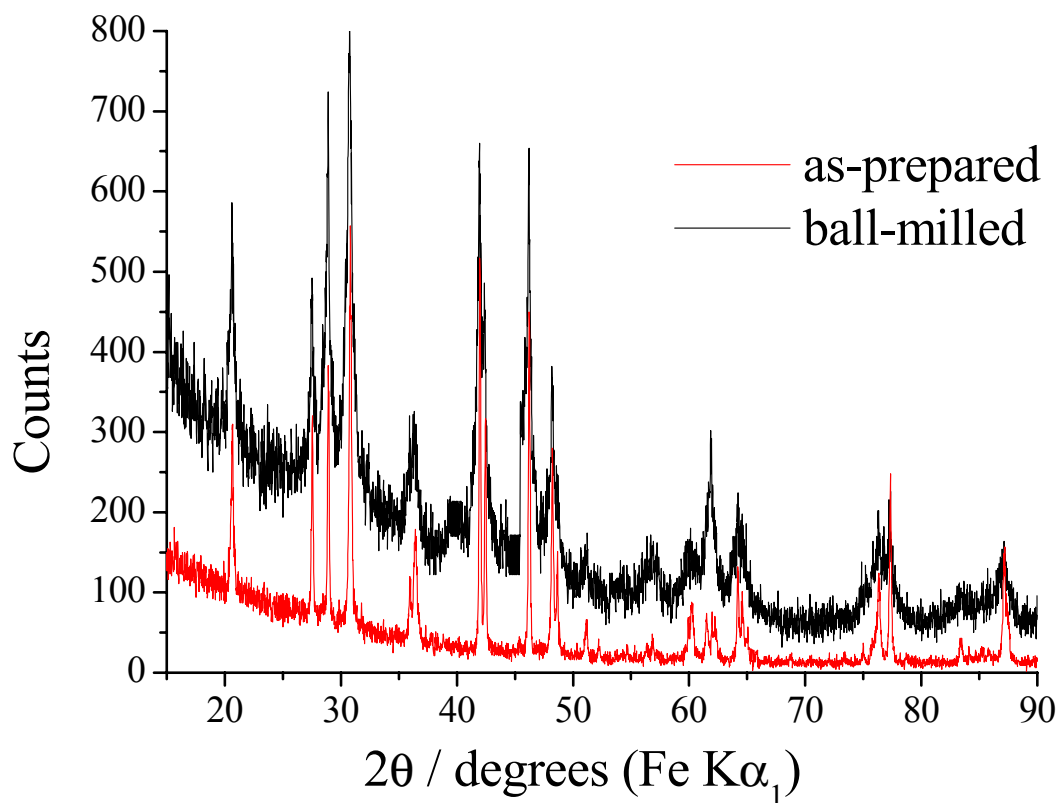
c) γ_0 ball milled



Comparison of powder X-ray diffraction patterns for as-prepared and ball-milled β_{II} $\text{Li}_2\text{CoSiO}_4$



Comparison of powder X-ray diffraction patterns for as-prepared and ball-milled β_I $\text{Li}_2\text{CoSiO}_4$



Comparison of powder X-ray diffraction patterns for as-prepared and ball-milled γ_0 Li₂CoSiO₄

