

Supplementary materials

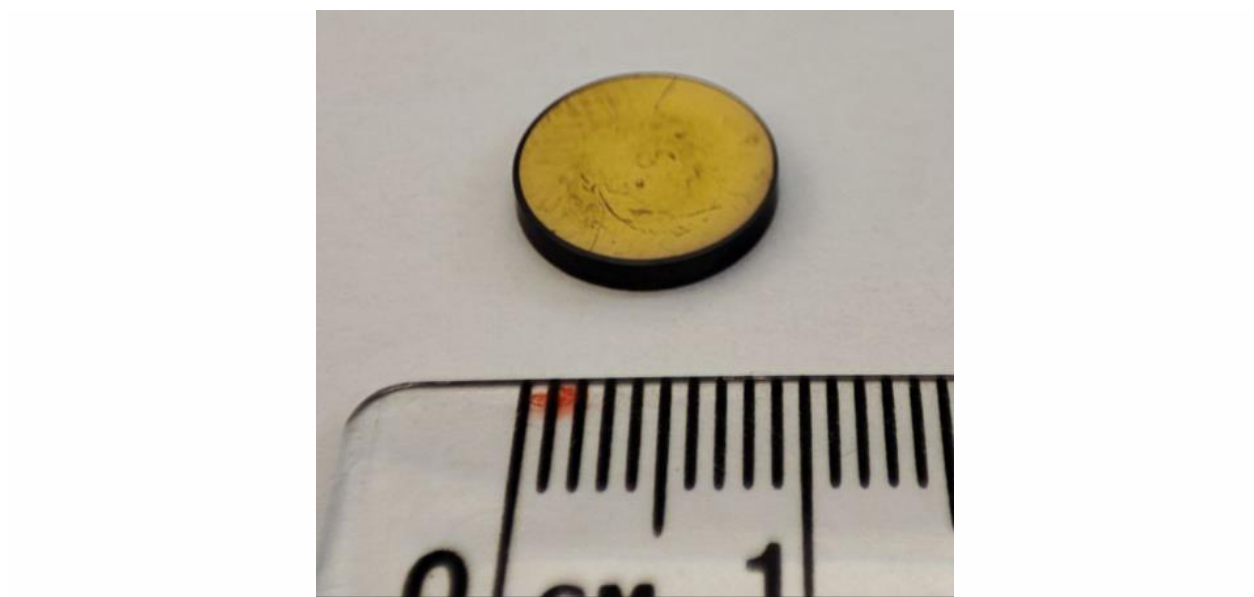


Figure S1 – Photo of the sample after electrical measurement with gold electrodes

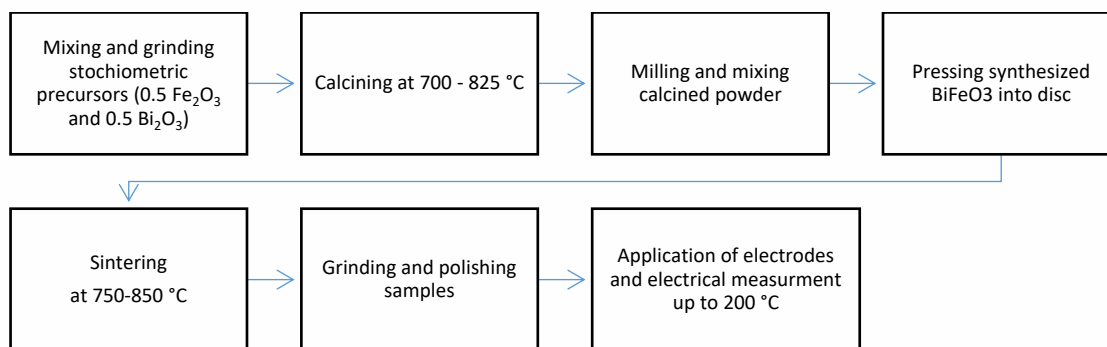


Figure S2 – Block diagram of the synthesis and sintering of BiFeO₃ and its subsequent analysis to optimize the preparation process

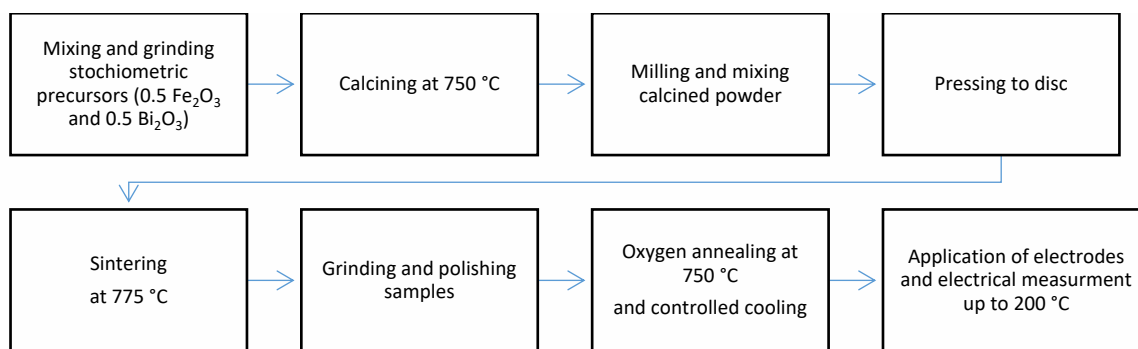


Figure S3 – Block diagram of the synthesis and sintering of bismuth ferrite and subsequent annealing, to study the effect of oxygen defects on conductivity