Single-phase nickel-doped ceria cathode with \textit{in-situ} grown nickel nanocatalyst for direct high-temperature carbon dioxide electrolysis

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Fig. S1: The cell parameters of the oxidized Ce\(_{1-x}\)Ni\(_x\)O\(_2\) powder samples with x=0, 0.05, 0.10, 0.15 and 0.20.

Fig. S2: \(R_p\) versus i,R corrected voltage of the electrolyzers tested in pure carbon dioxide at 800 °C.