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Supporting information

Highly chromium contaminant tolerant BaO infiltrated $La_{0.6}Sr_{0.4}Co_{0.2}Fe_{0.8}O_{3-\delta}$ cathodes of solid oxide fuel cells

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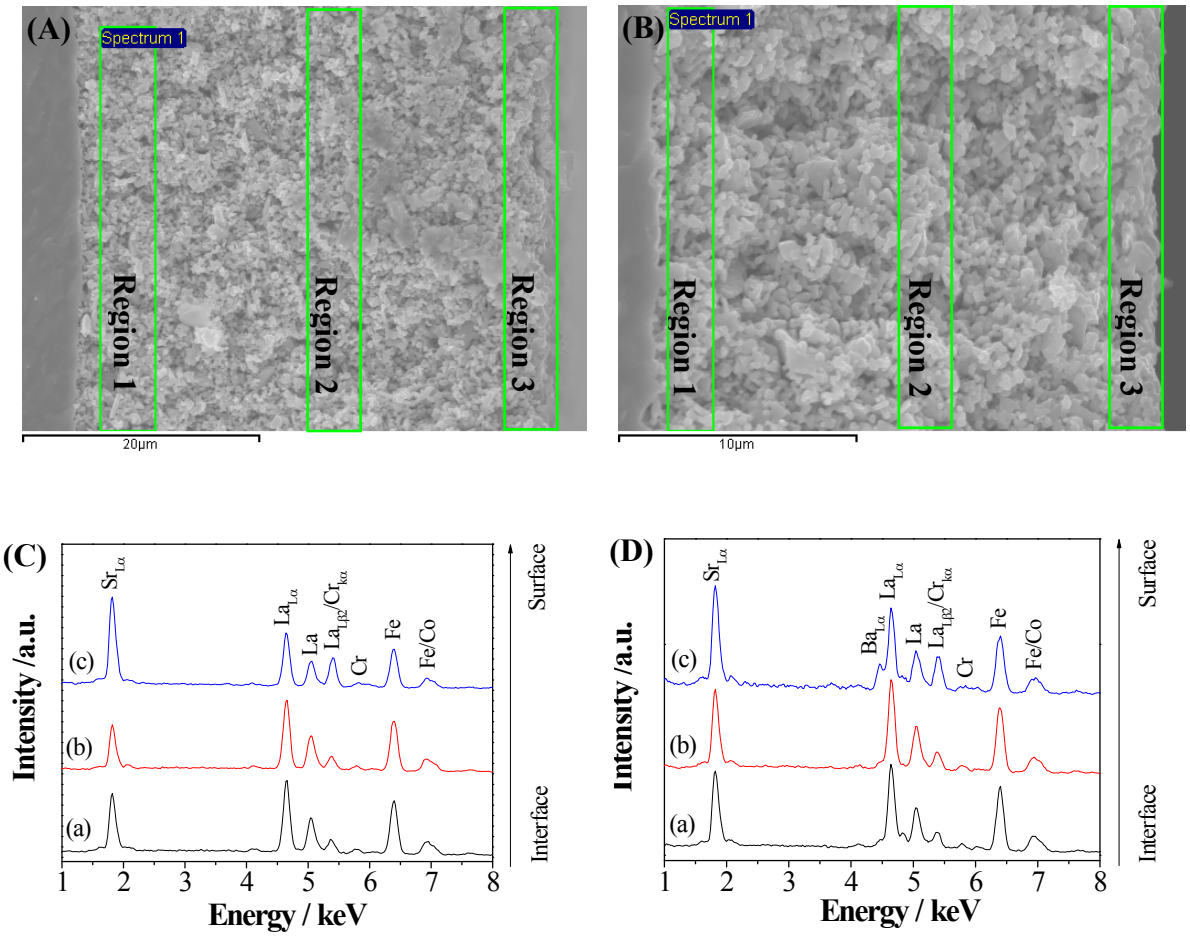

Fig. S1 (A,B) SEM micrographs and (C,D) EDS spectra on cross sections of a LSCF cathode (left) and a BaO infiltrated LSCF cathode (right) under the rib of the interconnect after the current passage at 200 mA cm^{-2} and 800°C for 40 h: (a) region 1, (b) region 2 and (c) region 3.

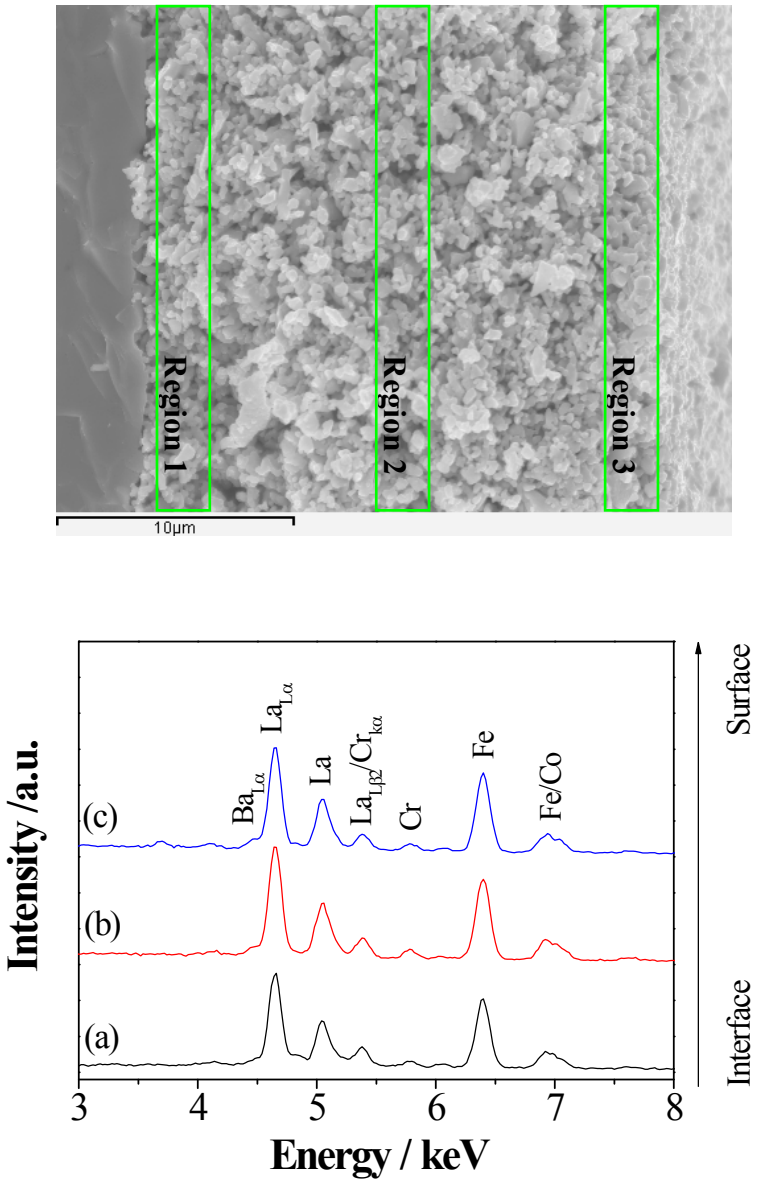

Fig. S2 SEM micrograph and EDS spectra on cross sections of an as-prepared BaO infiltrated LSCF cathode: (a) region 1, (b) region 2 and (c) region 3.