

Article

Features of Electrophoretic Deposition of a Ba-Containing Thin-Film Proton-Conducting Electrolyte on a Porous Cathode Substrate

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Featured Application: The results of the study can be used for the development of the production technology of cathode-supported SOFCs with a thin-film electrolyte using the electrophoretic deposition method.

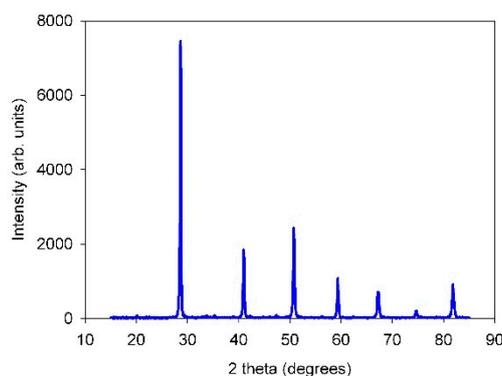


Figure S1: XRD patterns of the BCGCuO powder (final synthesis temperature of 1050 °C).

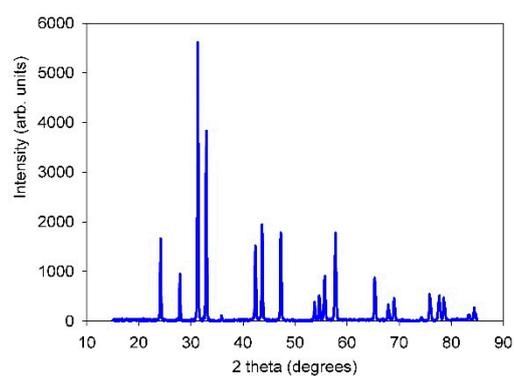


Figure S2. XRD patterns of the LBNO_{ss} powders (final synthesis temperature of 1250 °C).

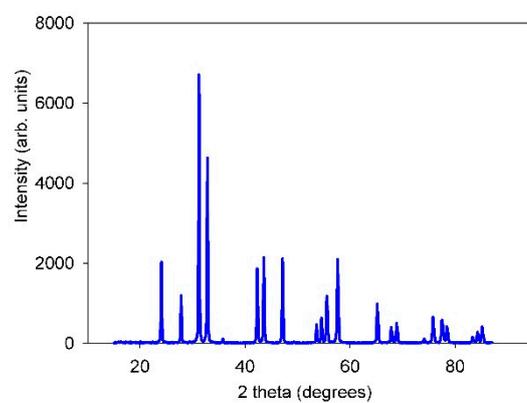


Figure S3: XRD patterns of the micro-sized LBNO_{nc} powder (final synthesis temperature of 1100 °C).

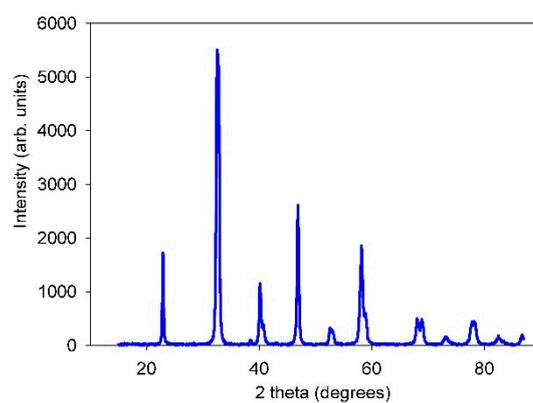


Figure S4. XRD patterns of the LNFO_p powder (final synthesis temperature of 900 °C).

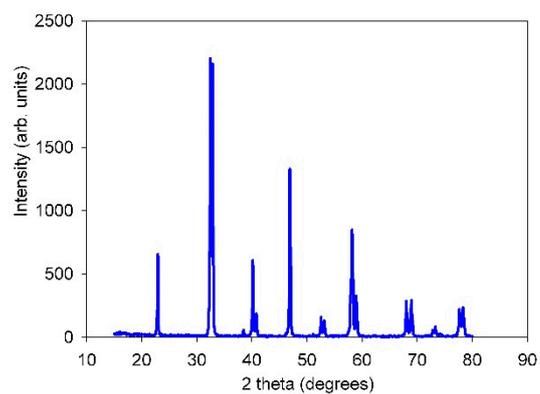


Figure S5. XRD patterns of the LNFO_{ss} powder (final synthesis temperature of 1250 °C).

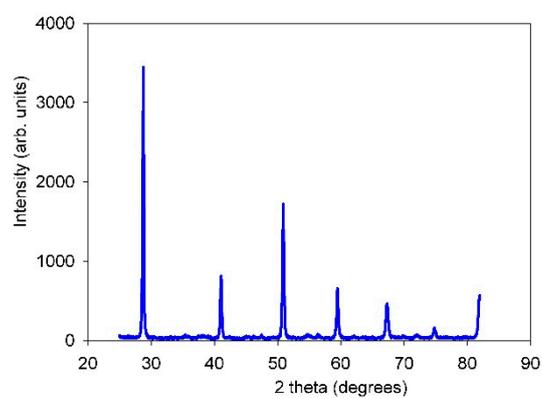


Figure S6. XRD patterns of the BCGCuO compact sample (sintering temperature of 1450 °C).