

Characteristics of Solid Oxide Cells with Zirconia/Ceria Bi-Layer Electrolytes Fabricated Utilizing Reduced-Temperature Firing

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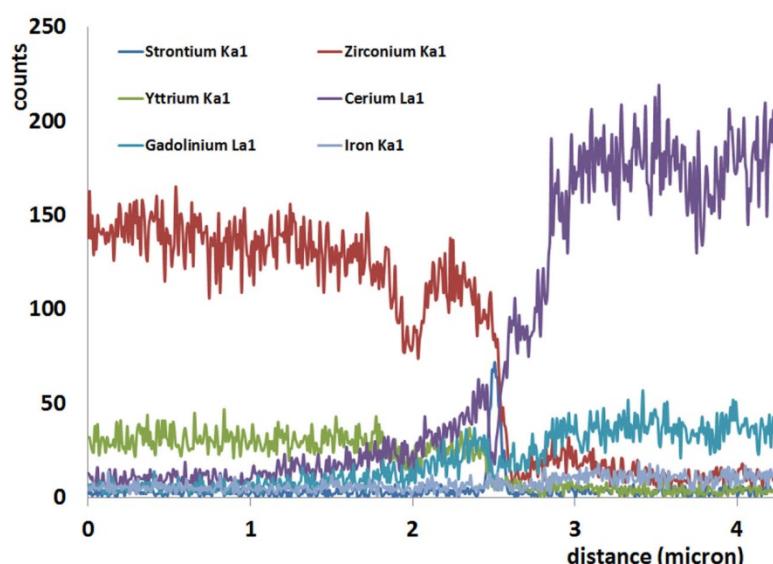


Figure S1: EDS line scans across YSZ/GDC interface for the cells fired at 1250°C

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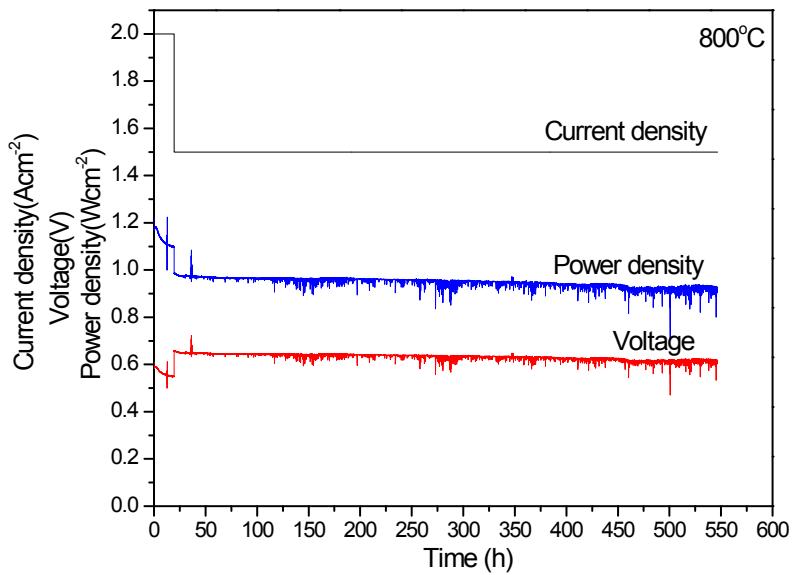


Figure S2: Voltage and power density versus time under a fixed current density of 1.5 Acm^{-2} measured at 800°C in air and humidified hydrogen, for an optimized cell.

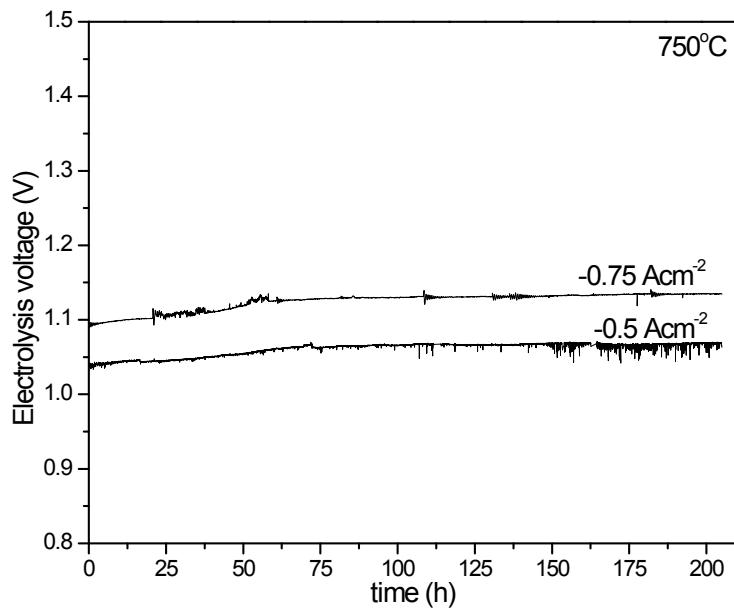


Figure S3: Electrolysis voltage versus time under a fixed current density values of 0.5 and 0.75 Acm^{-2} measured at 750°C in air and humidified hydrogen, for an optimized cell.