

Performance and degradation of electrolyte-supported single cell composed of Mo-Au-Ni/GDC fuel electrode and LSCF oxygen electrode during high temperature steam electrolysis

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Supplementary information:

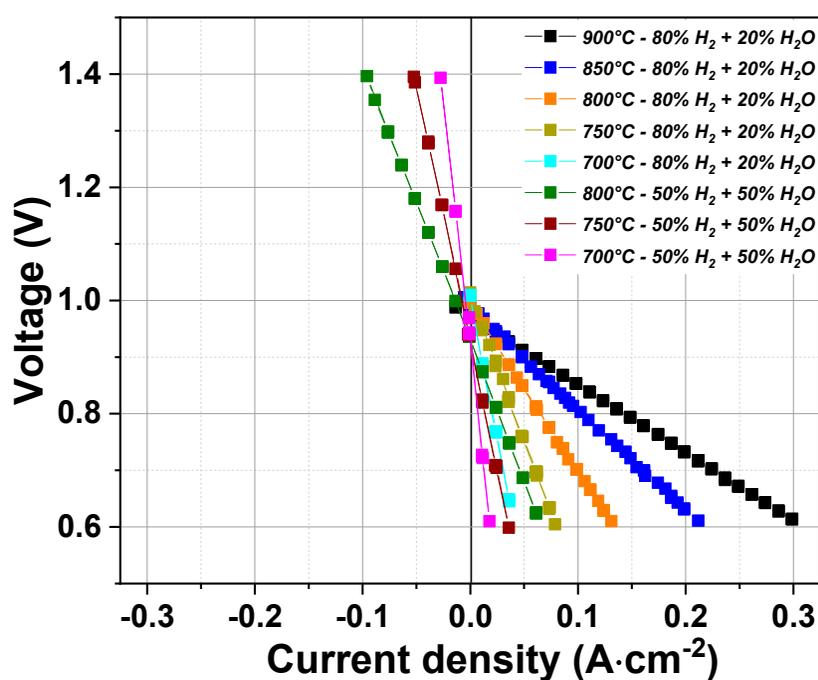


Figure S1. I-V curves for the 3Mo-3Au-Ni-GDC/8YSZ/GDC/LSCF single cell under different temperature and fuel gas composition, without NiO current collecting layer.

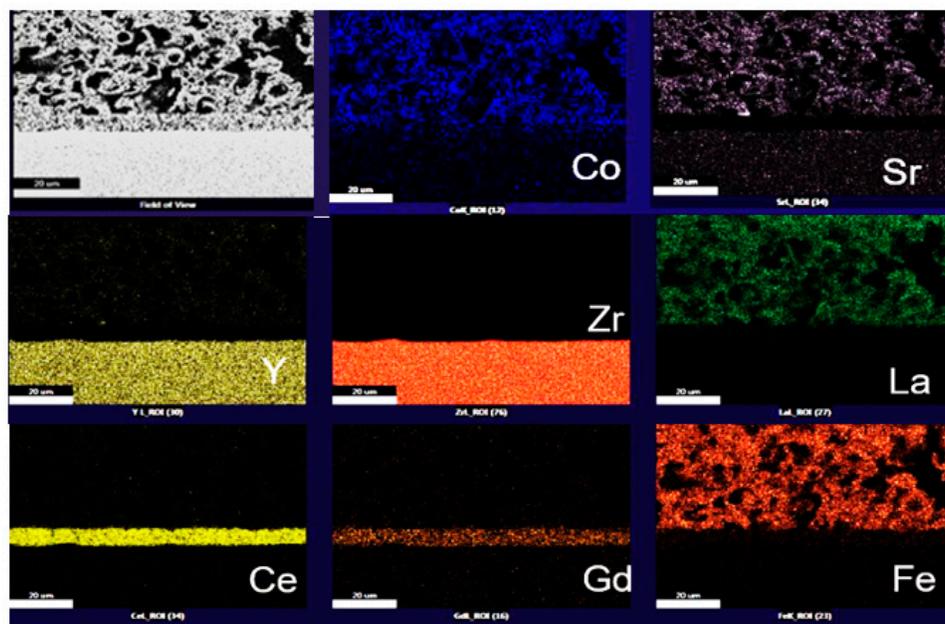


Figure S2. Elemental mapping on the oxygen electrode side, at the cross-section of as reduced 3Mo-3Au-Ni-GDC/8YSZ/GDC/LSCF single cell.

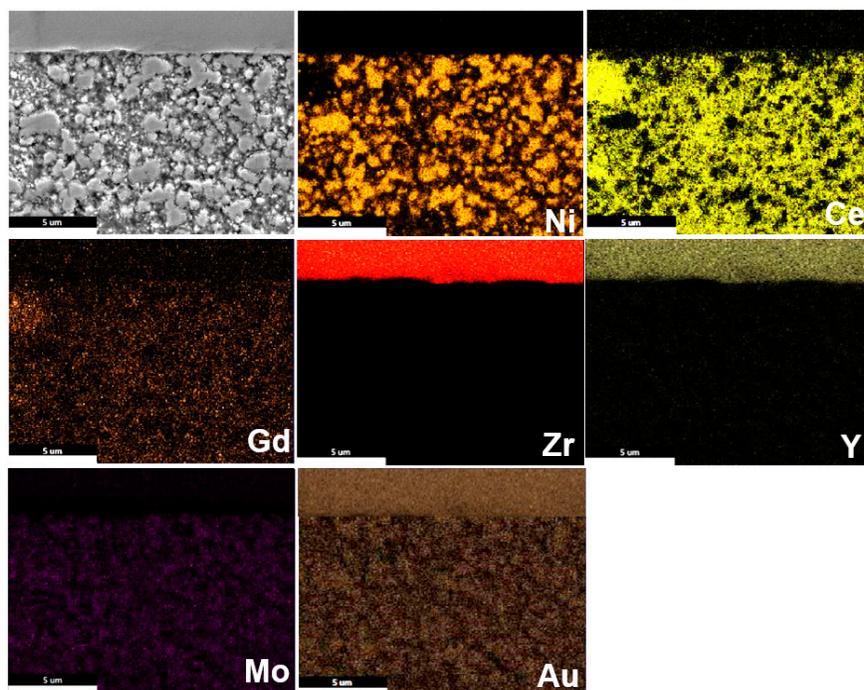


Figure S3. Elemental mapping on the fuel electrode side, at the cross-section of as reduced 3Mo-3Au-Ni-GDC/8YSZ/GDC/LSCF single cell.