

## Supplementary Materials

# Structured Catalyst for Indirect Internal Reforming (IIR) of Biogas in Solid Oxide Fuel Cell (SOFC)

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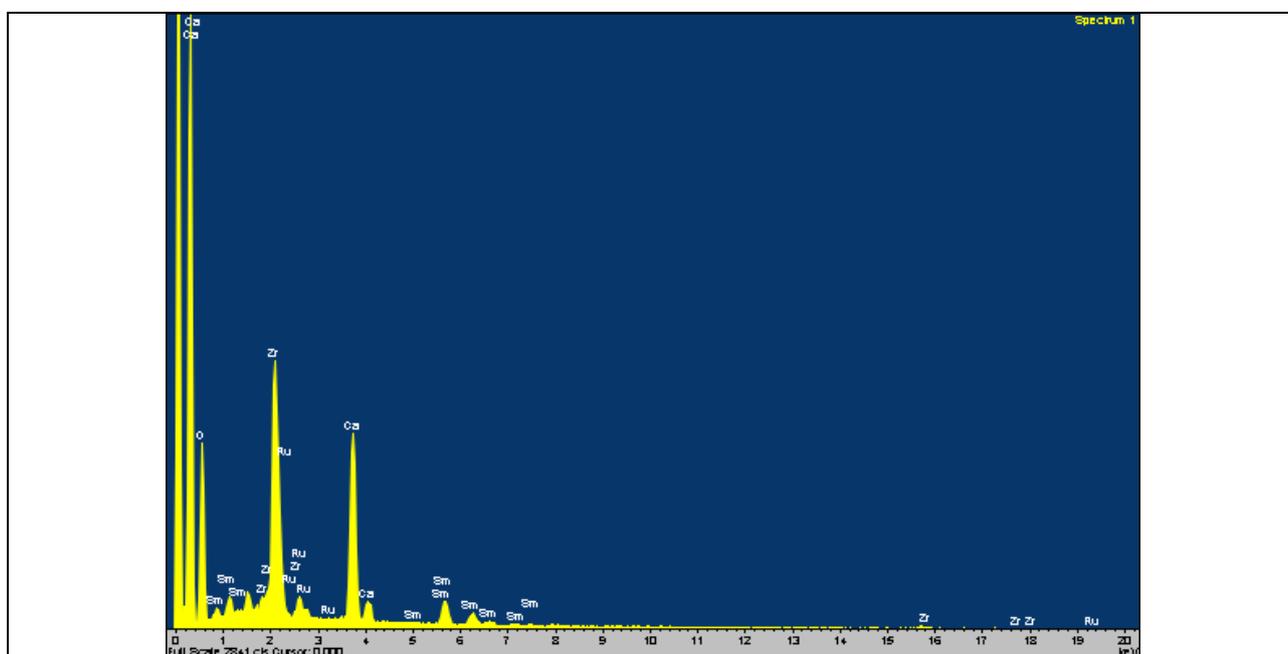


Figure S1: Representative EDX spectrum obtained on the reduced Ru<sub>3</sub>CZS sample. Elemental compositions (wt %) are reported in Table 1.

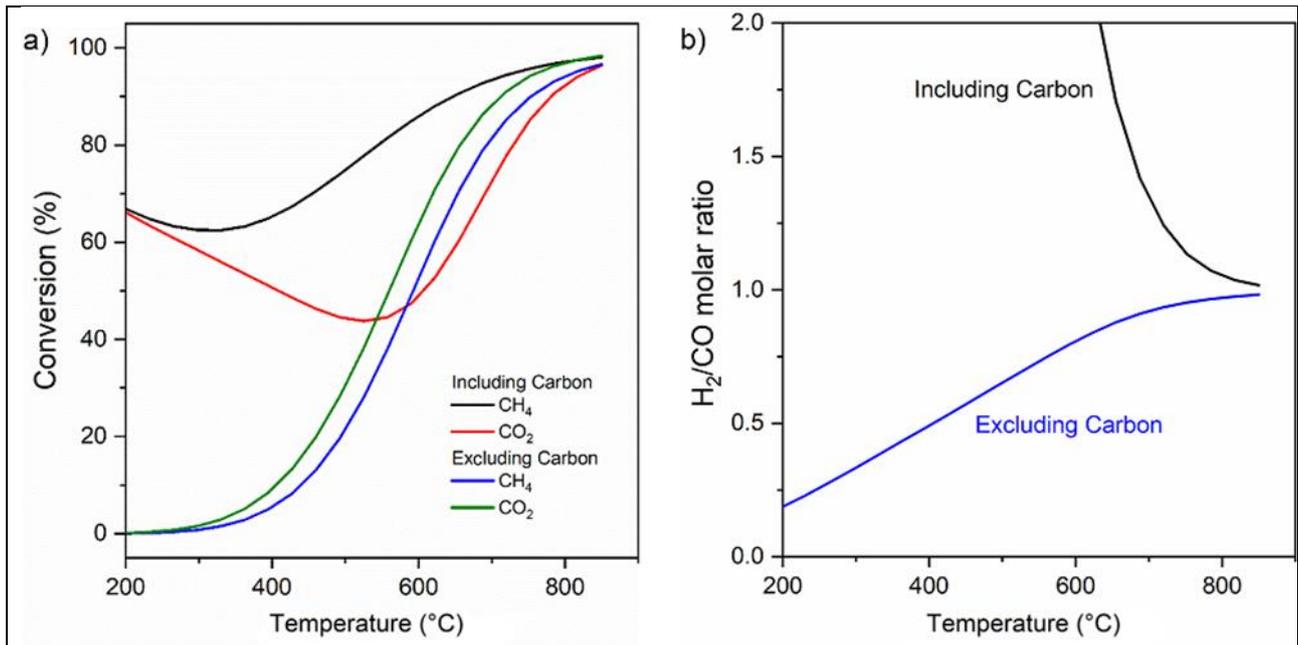


Figure S2: Curves of thermodynamic conversion of reactants (a) and H<sub>2</sub>/CO ratio (b) obtained by HSC chemistry with or without formation of C among the products.