

Peer Review

Review of: "Impedance of a Hydrogen–Fed SOFC Anode: Analytical and Numerical Models Based on the Dusty Gas Transport Model"

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The paper develops an impedance model for the anode of a H₂-fed SOFC. The study shows interesting results, includes an analytical impedance model for low currents, and a numerical model for high currents. The manuscript is well organized, provides an extensive and adequate set of references, but should be updated with publications from recent years. The paper needs major revision before publication.

1. The grammar should be revised.
2. Explain the relevance and/or novelty of the study presented.
3. The author should indicate the relevance of his simulation compared to other similar research.
4. In the Conclusion section, the direction for future work must be presented.

Declarations

Potential competing interests: No potential competing interests to declare.