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Oxygen Transport Membranes: Synthesis and Applications

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Message from the Guest Editors

This Special Issue of the journal *Membranes* on "Oxygen Transport Membranes: Synthesis and Applications" seeks contributions to assess the latest developments and future perspectives of various oxygen transport membrane-based applications. Topics include but are not limited to novel membrane material development, module and reactor design, fabrication techniques, membrane catalysis, characterization, modeling of membrane transport phenomena, industrial exploitation, and new applications. Both reviews and original articles are welcome.

Keywords:

- Structure-property-performance relationships
- New membrane materials
- Oxygen permeability
- Modeling of membrane transport phenomena
- Membrane regeneration and recycling
- Membrane characterization
- Membrane modification
- Catalytic layer
- Oxygen separation
- Fabrication techniques
- Energy storage and resource recovery applications









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Message from the Editor-in-Chief

You are cordially invited to contribute a research article or a comprehensive review for consideration and publication in *Membranes* (ISSN 2077-0375).

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