



## Advances in the Polymer Electrolyte Fuel Cells

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### Message from the Guest Editors

Dear Colleagues,

With the continuous increase in demand for renewable and sustainable energy sources, extensive research is being directed toward the development of alternative and sustainable methods of power generation. Fuel cells offer a promising alternative and are becoming widely accepted for clean power production. In particular, polymer electrolyte membrane (PEM) fuel cells have attracted considerable attention in recent years due to their all-solid structure and high power density. Therefore, this Special Issue invites novel contributions in various topics including, but not limited to, the following:

- The design of PEMFC systems;
- Advanced materials for various PEMFC components;
- Modeling approaches for PEMFCs;
- The management and optimization of PEMFC systems;
- PEMFCs for automotive applications;
- PEMFCs for aviation and aerospace;
- PEMFCs for maritime applications;
- PEMFCs for heat and power applications;
- The diagnosis and prognosis of PEMFC systems;
- High-temperature PEMFCs;
- Machine learning for PEMFC applications;
- Microbial PEMFCs.





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## Message from the Editor-in-Chief

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