



Fuel Cells: Latest Advances and Prospects

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Message from the Guest Editor

Dear Colleagues,

Fuel cells are known as energy converters, which offer high efficiencies and low emissions. Both aspects have brought fuel cells to the centre of the worldwide efforts to mitigate climate change and achieve greenhouse gas neutrality. In recent years, many leading countries and organizations have identified the critical role of hydrogen for the storage of volatile renewable energy sources and as a vector for coupling various sectors. Meanwhile, hydrogen is a major component of energy scenarios, and the number of national hydrogen strategies and roadmaps is increasing rapidly. Hydrogen being the ideal fuel for fuel cells, the role of fuel cells in future energy systems will surely be determined by the progress in efficiency, cost reduction and long-term stability of fuel cell stacks and systems.

The Special Issue is open for articles on topics including but not limited to:

- Advanced materials for fuel cells;
- Advanced modelling approaches for fuel cell development;
- Advances in gas diffusion layers;
- Anion exchange membrane fuel cells;
- Approaches for mass production of cells, stacks and systems;





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Message from the Editor-in-Chief

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