Special Issue

Fuel Cell Technologies in Power Generation and Energy Recovery

Message from the Guest Editors

This Special Issue will gather recent advances, novel designs, and applied research related to using fuel cells in power generation and energy recovery. Topics of interest include, but are not limited to, the development of high-efficiency fuel cell systems such as proton exchange membrane fuel cells (PEMFCs), solid oxide fuel cells (SOFCs), and direct methanol fuel cells (DMFCs), as well as hybrid configurations incorporating batteries, supercapacitors, or renewable energy sources. This Special Issue also encourages submissions focusing on fuel cell materials and components, including catalyst development, membrane electrode assembly (MEA) optimization, bipolar plate design, and flow field/channel structure innovations for improving electrochemical performance, water and heat management, and system durability. In addition, we welcome studies on system-level integration, control strategies, degradation mechanisms, durability prediction, fault diagnosis, fuel processing technologies, and techno-economic assessments related to fuel cell deployment in power generation and energy recovery applications.

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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