

Special Issue

Advances in Ceramic Fuel Cells

Message from the Guest Editors

Solid oxide fuel cells (SOFCs) show the highest efficiency among all energy conversion devices and are attractive for energy storage by operating reversible modes. This Special Issue focused on SOFCs, solid oxide electrolyte cells (SOECs), reversible solid oxide fuel cells (RSOCs) and proton conducting fuel cells (PCFC) seeks high quality works focusing on the latest advances on topics such as materials development; materials preparation methods; electrochemical methods devoted to the analysis of cathode and anode reaction mechanisms as well as sources of energy losses; single-cell, stack, and hybrid systems; modeling and numerical analysis; and descriptions of degradation mechanisms. Submissions covering other topics will also be considered if they are relevant to the Special Issue theme.

Prof. Dr. Piotr Jasinski

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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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