Special Issue

Nanomaterials for Solid Oxide Cell Applications

Message from the Guest Editors

Solid Oxide Cells are considered one of the most efficient and eco-friendly technologies for the generation and storage of electrical energy operating in both fuel cell and electrolyzer modes. In the last few years, new electrode materials have been extensively investigated; however, new ideas and strategies centered on the cell design and microstructural optimization need to be developed. Nanomaterials are excellent candidates since they provide a large surface area and electro-active sites for the electrochemical reactions, thus, improving performance. In this Special Issue, recent advances regarding the microstructural engineering of nanomaterials for solid oxide cells are presented. This Special Issue is open to original research articles, as well as review papers, which help researchers worldwide understand the latest trends and progress in nanomaterials for solid oxide cells. The submissions accepted for publication in this Special Issue will be FREE of charge.
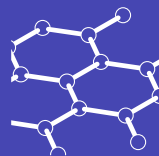
Guest Editors

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Deadline for manuscript submissions

closed (31 March 2021)
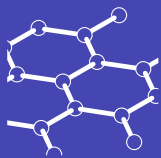
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Message from the Editor-in-Chief

Editor-in-Chief

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