



## Advanced Research of Electroceramics for Energy Conversion, Storage and Devices

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### Message from the Guest Editors

Electroceramics are advanced ceramic materials that are employed in a wide variety of electrical, optical and magnetic applications, with their study being a persistent endeavour in the development of functional materials.

In recent decades, the electrification of vehicles, the application of renewable energy sources and the promotion of decarbonization have led to a proliferating demand for energy conversion and storage devices. In addition, due to the rapid growth of wireless communication systems and microwave products in the electronic market, small, lightweight and multifunctional components are required.

Since the close relationship between structure, morphology and physical properties is well established, understanding the formation mechanisms from both theoretical and experimental perspectives is essential in order to improve the synthesis processes of enhanced functional materials.

This Special Issue aims to address all the relevant aspects of advanced electroceramics for energy conversion, storage and devices, attending also to the different processing and characterization techniques.





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## Message from the Editor-in-Chief

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