



Preparation, Properties and Applications of Ferroelectric Materials

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Deadline for manuscript
submissions:
closed (20 August 2025)

Message from the Guest Editors

Ferroelectric materials, characterized by electrically switchable polarization, can be broadly applied in elemental electronics in modern society. Recently, the materials library of ferroelectrics and associated applications have been expanded by virtue of advanced synthesis techniques and cutting-edge characterization tools. Such advancements in material fabrication and property characterization have not only brought new physics in ferroelectrics, but also found more applications in energy storage, catalysis, logic elements and post-Moore's law nanoelectronics.

Clearly, the future holds great promise for the utilization of ferroelectric materials in novel applications. This Special Issue aims to showcase the latest advancements in the fabrication, characterization and associated applications of ferroelectrics within various fields. We welcome contributions related to the synthesis and characterization of novel ferroelectrics, theoretical studies exploring new physics and functionalities, and nanoelectronic device developments based on ferroelectrics.





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Message from the Editorial Board

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Journal Rank: JCR - Q2 (Materials Science, Multidisciplinary) / CiteScore - Q1 (Condensed Matter Physics)

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