

Special Issue

Advancements in Materials, Design, and Applications of Magnetoelectric Sensors

Message from the Guest Editor

Magnetoelectric sensors have emerged as a promising technology in various fields, offering the advantages of high sensitivity, low power consumption, and compatibility with miniaturization. This special issue focuses on recent advances in magnetoelectric sensors, aiming to provide a comprehensive overview of the latest developments, challenges, and future directions in this rapidly evolving field. The special issue covers a wide range of topics related to magnetoelectric sensors, including materials and fabrication techniques, device design and optimization, signal processing and integration, and applications in diverse areas such as biomedical sensing, environmental monitoring, and industrial control. The contributions presented in this special issue provide valuable insights into the state-of-the-art advancements in magnetoelectric sensor technology and its potential impact on various domains. They also identify key challenges and opportunities that lie ahead, paving the way for future research and innovation in this exciting field. We look forward to receiving your contributions to this exciting Special Issue.

Guest Editor

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