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Perspectives in Magnetoelectric and Magnetic Nanomaterials

Guest Editor:

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Message from the Guest Editor

Dear Colleague,

This Special Issue of *Nanomaterials*, “Perspectives in Magnetoelectric and Magnetic Nanomaterials”, aims at collecting a compilation of articles that prominently demonstrate the continuous efforts in developing advanced magnetoelectric material-based technologies for various target analytes. It focuses on the synthesis, properties, and prospective sensing applications of nanomaterials. The topics cover a wide range of research fields, including magnetoelectric and magnetic nanomaterials, demonstrating their applications in a variety of technologies.



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Special Issue



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Message from the Editor-in-Chief

Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal-organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

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