

Special Issue

Symmetry in the Characterization, Synthesis and Modeling of Materials: Topics and Advances

Message from the Guest Editors

Do not miss the opportunity to submit your next article to *Symmetry* for its upcoming Special Issue if your research **is** related to the study of materials in any of the following areas: chemistry, nanotechnology, bioengineering, semiconductors, metallic alloys, energy storage, computational surface modeling, or the synthesis and characterization of materials. In this Special Issue, "Symmetry in the Characterization, Synthesis and Modeling of Materials: Topics and Advances", original research articles and reviews are welcome. Research areas include (but are not limited to) the following:

- Physical and chemical synthesis of nanomaterials and 2D materials;
- Structural, morphological, optical, or electrical characterization of inorganic materials;
- Structural, morphological, optical, or electrical characterization of hybrid materials;
- Development of semiconductor devices such as sensors, solar cells, etc.;
- Structural and morphological study of new materials;
- Applied biomaterials engineering;
- Development of electrodes for energy storage and other applications;
- Computational modeling of films and structures for devices;
- Study of electronic structures using DFT.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Editor-in-Chief

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